

LIST OF CRANIA + SKELETONS OF BIRDS
(un 9194)

Secr 5

MM 9194

List of Birds &
Crania Skeletons etc.

LIST OF CRANIA, SKELETONS, AND STERNA OF BIRDS.

Note.—The Classification adopted is that of Dr. Elliot Coues, U. S. A., in his *Key to North American Birds*, 1872, and the nomenclature corresponds with his *Check List of North American Birds*, 1873.

CLASS AVES.

ORDER **Passeres**: Perchers.

SUB-ORDER **OSCINES**: Singing Birds.

Family **TURDIDÆ**: Thrushes.

Sub-Family *Turdinæ*: Typical Thrushes.

Turdus migratorius (L.). Robin.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|------------|-------|-------|------------------|
| 33 | | | | Wash. D.C. | | | Dr. B. Schaphiro |
| 56 | | | | " " | | | " " " |
| 294 | | | | " " | | | " " " |
| 295 | | | | | | | Purchased |
| | 46 | | ♀ | Wash. D.C. | | | Purchased |

Turdus mustelinus, Gm. Wood Thrush.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|----------------------------|----------|------------|----------------|
| 296 | | | | | | | Purchased |
| 297 | | | | | | | " |
| 298 | | | | | | | " |
| | 2282 | | | <i>Turdus pallasi</i> Cab. | | | |
| | | | | <i>Sturnia</i> Thrush. | | | |
| | | | | Mr. Carmel 22. | Oct 1879 | R. Ridgway | St. W. Henshaw |
| 2284 | | | | " " " | " " | " " | " " " |
| 2285 | | | | " " " | " " | " " | " " " |
| | 2283 | | | " " " | " " | " " | " " " |

Turdus pallasi, Cab., var. *Nanus* (Aud.), Cs. Dwarf Thrush.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 303 | | | | | | | Purchased |

⊗

Turdus swainsoni, Cab. Olive-backed Thrush.

l. c /

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|---------------------|-------|--------|------|---------------------------|--------------------|--------------------|----------------|
| 304 2267 2265 | | 2266 | | Madisonville Ohio " | Sept. 1879 " | F. W. Langdon " | Purchased " |

Turdus swainsoni Cab.
var. *aliciata* (Ba) Cs.
Alice's Thrush.

| Cran. | Skel. | Stern. | Sex. | Locality. | Date. | Collector. | Donor. |
|-----------------|-------|--------|------|-----------------|--------------|---------------------|--------|
| 2305 | 2306 | | | Wash. D.C. " | June 1879 | J. W. Stenshaw " | |

Turdus fuscescens, Steph. Wilson's Thrush; Veery.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|-----------|
| 299 | | | | | | | Purchased |
| 300 | | | | | | | " |
| 301 | | | | | | | " |
| 302 | | | | | | | " |

Sub-Family *Miminae*: Mocking Thrushes.
Mimus polyglottus (L.), Boie. Mockingbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|------------|-------|-------|--------------------|
| 340 | | | | | | | Purchased |
| 341 | 883 | | ♂ | Wash. D.C. | | | " |
| | | | | | | | Wm. J. A. Chiswick |

Mimus carolinensis (L.), Gr. Catbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|-----------|
| 342 | | | | | | | Purchased |
| 343 | | | | | | | " |
| 344 | | | | | | | " |
| 345 | | | | | | | " |

Harporhynchus rufus (L.), Cab. *Brown Thrush; Thrasher.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------|---------|--------------|-----------|
| 346 | | | | | | | Purchased |
| 347 | | | | | | | " |
| 2300 | 45 | | ♂ | Wash. D.C. | Sept 79 | H.W. Henshaw | Purchased |
| | | 2301 | | " " | " " | " " | " |

Harporhynchus rufivivus Cab.
Sickle-bill Thrush.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------------------|-----------|--------------|---|
| 1567 | | | | San Barbara Calif. | July 1875 | H.W. Henshaw | Eph. W. 110 m. See J. M. Wheeler |

Harporhynchus curvirostris (Sw.), Cab., var. *palmeri*, Ridg.
Curve-billed Thrush.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------------------|-----------|--------------|---|
| | | 147.8 | ♀ | Camp Lowell Arizona | Sept 1874 | H.W. Henshaw | Eph. W. 100 m. See J. M. Wheeler |

Harporhynchus crissalis, Henry. *Red-vented Thrush.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------------------|-----------|--------------|---|
| | | 1465 | ♀ | Camp Lowell Arizona | Sept 1874 | H.W. Henshaw | Eph. W. 100 m. See J. M. Wheeler |

Family SAXICOLIDÆ: Stone Chats.
Sialia sialis (L.), Haldeman. *Eastern Bluebird.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|----------------------------|----------------|----------------|---------------|
| 305 | | | | | | | Purchased |
| 306 | | | | | | | " |
| 307 | | | | | | | " |
| 2279 | 1109 | | ♂ | Omaha Iowa Wash D.C. | 1872 6-1-79 | J. W. Stenshaw | P. Wayne & Co |

Family

Family Sylviidae - Sylviæ
 Sub-family Regulinae. Kinglets.
Regulus satrapa Licht.
 Golden Crested Kinglet.

| Cran. | Skel. | Stern. | Sex. | Locality. | Date. | Collector. | Donor. |
|-----------------|-------|--------|------|--|----------|-----------------|-----------------------|
| 2307 | | | | Mr. Carmel Off. | Aug 79 | R. Ridgway | J. W. Stenshaw |
| 2318 | | | | " " " | " " | " " | " " " |
| | 2319 | | | | | | |
| 2443 | | | | <i>Regulus calendula</i> Wash. D.C. | June '81 | M. G. Schaffert | Ruby crowned Kinglet. |

Sub-Family Polioptilinae: Gnatcatchers.
Polioptila caerulea, Sci. Blue-Gray Gnatcatcher.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|-----------|
| 355 | | | | | | | Purchased |
| 356 | | | | | | | " |

Family PARIDÆ: Titmice.
Lophophanes bi-color (L.), Bp. Tufted Titmouse.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|----------------|--------|------|-------------------|----------|--------------------|----------------|
| 354 | 354 | | | | | | Purchased |
| 2195 | | | | Madisonville Ohio | Aug 3/81 | F. W. Langdon Esq. | " |
| 2288 | | 2196 | | Mr. Carmel Off. | Aug 79 | R. Ridgway | J. W. Stenshaw |

Lophophanes inornatus (Gamb.), Cass. Plain Titmouse.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------------------|----------|-----------------|---------------|
| 1495 | | | | San Diego New Mexico | Aug 1874 | Wm. H. C. Savar | E. W. J. Wood |
| | 1496 | | | " " | " | " " " " | " |

Sitta canadensis, L. Red-bellied Nuthatch.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 352 | | | | | | | Purchased |
| 353 | | | | | | | " |

Family CERTHIIDÆ: Creepers.
Certhia familiaris, L. Brown Creeper.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------------------|--------------|---------------|-------------------------------------|
| | | 1507 | | Mr. Graham, Arizona | Oct. 1874 | H. W. Henshaw | Eggs. for Genl. W. J. Wood & Co. |
| | 1713 | | | Wash. D.C. | 1877 | | John G. Siskin |

Campylorhynchus brunneicapillus (Lafr.), Gr.
Brown-headed Creeper-Wren.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-----------------|--------|------|------------------------|--------------|---------------|-------------------------------------|
| 1516 | | | | Camp Lowell Arizona | Sept 1874 | H. W. Henshaw | Eggs. for Genl. W. J. Wood & Co. |
| | 1402 | | | " " | " | " " " | " " |
| | | 1517 | | " " | " | " " " | " " |

Family TROGLODYTIDÆ: Wrens.
Troglodytes ædon, V. House Wren.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 349 | | | | | | | Purchased |

Troglodytes ædon, V., var. parkmanni (Aud.), Cs. Western House Wren.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|---------------|-----------|-----------------|-----------------------|
| 1513 | | | | Taos New Mex. | Aug 1874 | Dr J. C. Garman | Ep for Ephe. W. 100 m |
| 2439 | | | | Marsh Wb. | June 1881 | M. G. Schaffert | |

Anorthura troglodytes (L.) Cs.,
var hyemalis (Wies.) Cs.
Winter Wren.

| Cran. | Skel. | Sex. | Locality. | Date | Collector. | Donor. |
|-------|-------|------|-----------------|---------|------------|-----------------|
| 2308 | | | Mr. Carmel Ill. | Oct. 79 | R. Ridgway | J. W. Stenshaw. |

Telmatodytes palustris (Nils.), Cab. Long-billed Marsh Wren.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 348 | | | | | | | Purchased |

Cistothorus stellaris (Licht.), Cab. Short-billed Marsh Wren.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------|-----------|----------------------------|--|
| 1348 | | | | Pembina | June 1873 | Dr E. Coues ^{USA} | U.S. North. Bound Com. Dr E. Coues ^{USA} |

Family ALAUDIDÆ: Larks.
Eremophila alpestris (Forst.), Boie. Horned Lark; Shore Lark.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|-------------------|-----------|-----------------------------------|--|
| 359 | | | | Manxland | | | Purchased |
| 913 | | | | | | | Dr W. B. Butts. |
| 914 | | | | " | | | " |
| | 1434 | | | wolf River | 1873 | Dr E. Coues ^{USA} | U.S. North. Bound Com. Dr E. Coues ^{USA} |
| | | 1430 | | " | " | " | " |
| 2406 | | | | Pt. Shaw Mountain | Apr. 1880 | A. S. J. C. Munroe ^{USA} | |

XX

Family SYLVICOLIDÆ: American Warblers.
Parula americana (L.), Bp. Blue Yellow-backed Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 309 | | | | | | | Purchased |
| 310 | | | | | | | " |

Helminthophaga peregrina (Wils.), Cal. Tennessee Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|-----------------|------------|----------------------------|---|
| 1349 | | | | Pembina | June 1873 | W. E. Conus ^{usa} | U.S. Avit. Board Com. W. E. Conus ^{usa} |
| | | 1350 | | " | " | " | " |
| 2276 | | | | Madisonville | Sept. 1879 | F. W. Langdon. | |
| 2277 | | | | Ohio | | | |
| 2304 | | | | Mr. Carmel Ill. | Oct. 79 | R. Ridgway | J. W. Stenshaw |

Dendroeca aestiva (Gm.), Bd. Summer Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|---------|-----------|----------------------------|---|
| 321 | | | | | | | Purchased |
| 322 | | | | | | | |
| 1330 | | | | Pembina | June 1873 | W. E. Conus ^{usa} | U.S. Avit. Board Com. W. E. Conus ^{usa} |
| 1332 | | | | " | " | " | " |
| | | 1331 | | " | " | " | " |

Dendroeca virens (Gm.), Bd. Black-throated Green Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--------------------------------|-------|--------|------|-----------------------|------------|------------------|-----------------------------|
| 316 | 2313 | | | Mr Carmel Ill. | Oct-1879 | R. Ridgway | Purchased J. W. Stenshaw |
| 2273 | 2274 | | | Madisonville Ohio | Sept " | F. W. Langdon. | |
| | | | | " " | " " | " " | " |
| <i>Minotilta varia</i> (L.) V. | | | | | | | |
| | | | | Black & white checker | | | |
| | 2297 | | | Wash. D.C. | Oct-1879 | J. W. Stenshaw. | |
| 2271 | | | | Madisonville Ohio | Sept " | F. W. Langdon. | |
| 2292 | | | | Wash. D.C. | " " | J. W. Stenshaw. | |
| 2440 | | | | Wash DC | June, 1881 | W. G. Schaffert. | |

Dendroeca caerulea (L.), Bd. Black-throated Blue Warbler.

Cran. Skel. Stern. Sex. Local. Date. Coll. Donor.

315

~~2444~~

Wash. D.C.

June 1881.

Purchased
H. C. Schaffert.*Dendroeca caerulea* (Wils.) Bd.

Cerulean Warbler

Columbus Ohio

Apr
1875

W. J. M. Wheaton

2238

Dendroeca coronata (L.), Gr. Yellow-rumped Warbler;
Myrtle Bird.

Cran. Skel. Stern. Sex. Local. Date. Coll. Donor.

~~325~~

326

~~2298~~

2299

Mr. Carmel Del.

Oct. 1879

R. Ridgway

Purchased

J. W. Henshaw

" " "

" " "

" " "

" " "

Ft. Director Dak June 1881

D. C. E. McChesney Jr.

~~2428~~

2429

" " " "

Dendroeca blackburniae (Gm.), Bd. Blackburnian Warbler.

Cran. Skel. Stern. Sex. Local. Date. Coll. Donor.

~~327~~

2268

Madisonville Ohio

Sept. 79

Purchased
F. W. Sangdon.

Dendroeca striata (Forst.), Bd. Black-poll Warbler.

Cran. Skel. Stern. Sex. Local. Date. Coll. Donor.

323

324

~~2311~~

2312

Wash. D.C.

Oct. 79

J. W. Henshaw.

Purchased

" " "

" " "

" " "

" " "

Dendroeca castanea (Wils.), Bd. Bay-breasted Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|-------------------|------------|----------------|-----------|
| 317 | | | | | | | Purchased |
| 318 | | | | | | | " |
| 2269 | | 2270 | | Madisonville, Mo. | Sept. 1879 | F. W. Langdon. | |
| | | | | " | " | " | " |

Dendroeca pennsylvanica (L.), Bd. Chestnut-sided Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-----------------|------------------|------|--------------------|-----------|--------------------|------------------------|
| 319 | | | | | | | Purchased |
| 320 | | | | | | | " |
| 1347 | 1347 | | | Pembina | | Dr E. Connelley | W.B. Bond. Bond. Conn. |
| | | | | " | | " | " |
| 2430 | | 1347e | | Ft. Snodgrass Dak. | June 1881 | Dr C. E. McKeeney. | " |

Dendroeca discolor (V.), Bd. Prairie Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 328 | | | | | | | Purchased |

Seiurus aurocapillus (L.) Sw.
Golden-crowned Thrush.

| Cran. | Skel. | Sex. | Locality. | Date. | Collector. | Donor. |
|-----------------|-------|------|------------|----------|-----------------|--------|
| 2290 | 2291 | | Wash. D.C. | Sept 79 | J. W. Stenshaw | |
| 2316 | | | " | " | " | " |
| 2438 | | | Wash. D.C. | June '81 | W. G. Schaphert | |
| 2442 | | | " | " | " | " |

Geothlypis trichas (L.), Cab. Maryland Yellow-throat.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|-----------|
| 311 | | | | | | | Purchased |
| 312 | | | | | | | " |
| 313 | | | | | | | " |
| 314 | | | | | | | " |

Geothlypis macgillivrayi (Aud.), Bd. Macgillivray's Warbler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|----------|-------|----------------|-------------------------|
| 1431 | | | | Chief m. | 1873 | Dr E. Converse | W. H. North Bound. Com. |
| | 1432 | | " | " | " | " | " |

Icteria virens (L.), Bd. Yellow-breasted Chat.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 393 | | | | | | | Purchased |

Setophaga ruticilla (L.), Sw. Redstart.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|-----------|
| 329 | | | | | | | Purchased |
| 330 | | | | | | | " |
| 331 | | | | | | | " |
| 332 | | | | | | | " |

Family TANAGRIDE: Tanagers.
Pyranga rubra (L.), V. Scarlet Tanager.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---|----------|-------|----------------|
| 308 | | | | | | | Purchased |
| 2264 | | | | Pyranga aestiva (L.) V. Summer Red Bird Madisonville Ohio | Sept. 79 | | F. W. Sangdon. |

73

Pyrrhula aestiva (L.), V., var. *cooperi* (Ridg.), Cs. *Cooper's Tanager.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------------------|---------------|---------------|--------------------------------|
| 1510 | | | | Camp Lowell Arizona | Sept. 1874 | H. W. Henshaw | Epl. for Epl. w. of 1000 m. |

Pyrrhula hepatica, Sw. *Hepatic Tanager.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------------|---------------|--------------|--------------------------------|
| 1497 | | | | Camp Bowie Arizona | Sept. 1874 | J. H. Rutter | Epl. for Epl. w. of 1000 m. |

Family *HIRUNDINIDÆ*: *Swallows.*

Hirundo horreorum, Barton. *Barn Swallow.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|---|-------------|---------------|---|
| 1499 | 157 | | ♀ | Wash. D.C. San Ildefonso New Mexico | Aug 1874 | Wm H. C. Gann | Dark skin J. M. Dyson & Co Epl. for Epl. w. of 1000 m. |
| | | 1521 | | " " | " | " " " " | " " |

Tachycineta bicolor (V.), Cs. *White-bellied Swallow.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|------------|-------|-------------------------------|------------------------------|
| 335 | 101 | | ♀ | Maryland. | | Dark skin - H. Faber & Co. | Dark skin - H. Faber & Co |
| 551 | | | | | | | Purchased |
| 1013 | | | | Wash. D.C. | | | " |
| 1014 | | | | " " | | | Wm W. Bull |
| | | | | | | | " " " |

Petrochelidon lunifrons (Say), Cab. Cliff Swallow; Eave Swallow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--|----------|------------------------------|--------------------|
| 333 | | | | | | | Purchased |
| 334 | 2404 | | | Fl. Shaw Mnt. | Apr 1880 | Apr. 1880 S. J. C. Mearns | " |
| | | | | <u>Cotyle riparia</u> (S.) Boie. Fort Wadsworth Dacotah | | | |
| 1629 | | | | | 1876 | Dr C. E. Mearns | Dr C. E. Mearns |
| | 2402 | 1630 | | Stelgidopteryx serripennis (Aud.), Bd. Rough-winged Swallow. (Apr 1880) | | | |
| | | | | | | | A. S. J. C. Mearns |

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------|----------|--------------------|-------------------------------|
| | | 1515 | | San Diego | Aug 1874 | Dr. H. C. Garrison | Exd. for Exd. W. of 100 m. |
| 1514 | | | | New Mexico | " | " | " |
| | | | | " | " | " | " |

Progne purpurea (L.), Boie. Purple Martin.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|---------------------------|-----------|-----------------|-------------------------------|
| | 1506 | | | Camp Apache Arizona | July 1874 | H. W. Henshaw | Exd. for Exd. W. of 100 m. |
| 1621 | | | | Fort Wadsworth Dacotah | 1876 | Dr C. E. Mearns | Dr C. E. Mearns |
| 1622 | | | | " | " | " | " |
| 1623 | | | | " | " | " | " |
| | | 1624 | | " | " | " | " |

Progne subis Baird
Purple Martin

| | | | | | | | |
|------|--|--|--|----------------|-----------|---------------|-------------------|
| 2115 | | | | Honey Lake Cal | June 1877 | H. W. Henshaw | Exd. W. of 100 m. |
|------|--|--|--|----------------|-----------|---------------|-------------------|

Family AMPELIDE: Waxwings.
Ampelis cedrorum (V.), Bd. Cedar Bird; Cherry Bird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|----------|-------|-------|------------------|
| 32 | | | | Maryland | | | Dr. F. Schaphire |
| 64 | | | | " | | | " |
| 65 | | | | " | | | " |
| 336 | | | | | | | Purchased |

Ampelis garrulus. L.
Bohemian wax wing.

| Cran. | Skel. | Stern. | Sex. | Locality. | Date. | Collector. | Donor. |
|-----------------|-------|--------|------|-----------|----------|--------------------|--------|
| 2394 | | | | Fort Shaw | Apr 1880 | A. S. J. C. Mearns | W. A. |
| 2395 | 2396 | | | " | " | " | " |

Family VIREONIDÆ: Greenlets.
Vireo olivaceus (L.), V. Red-eyed Vireo.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------|----------|-----------------|-----------|
| 337 | | | | | | | Purchased |
| 338 | | | | | | | " |
| 339 | | | | | | | |
| 2314 | | 2315 | | Wash. D.C. | Sept. 79 | J. W. Stenshaw. | |
| | | | | " " | " " | " " | " |

Vireo vicinior, Coues. Gray Vireo.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------------------|-----------|----------------|-----------------------------|
| 1460 | | | | Deer Spring Arizona | July 1874 | J. W. Stenshaw | Ech. for Ech. w. of 1000 m. |
| | | 1461 | | " " | " " | " " | " " |

Family LANIIDÆ: Shrikes.
Collurio borealis (V.), Bd. Great Northern Shrike; Butcher-bird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------|-----------|-------------|-----------------------------|
| | | 1474 | ♀ | Pueblo Colorado | Oct. 1874 | C. E. Aiken | Ech. for Ech. w. of 1000 m. |

Family FRINGILLIDÆ: Finches.
Carpodacus purpureus (Gm.), Gr. Purple Finch.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--|-------|--------|------|----------|-------|------------------|--------------------|
| 342 | | | | | | | Purchased. |
| 1375 | | | | | | Dr. H. C. Yarrow | Dr. H. C. Yarrow |
| 1375 | | | | | | | |
| Carpodacus cassinii Baird Cassin's Purple Finch | | | | | | | |
| 2095 | | | | Colorado | 1877 | J. W. Stenshaw | Ech. W. of 1000 m. |

Carpodacus frontalis (Say), Gr. Crimson-fronted Finch; House Finch.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------|----------|----------------|-----------------|
| 1501 | | | | Taos N.M. | Aug 1874 | Dr H.C. Garman | Ep. W. J. W. M. |
| | | 1502 | | " | " | " | " |
| | 1519 | | | " | " | " | " |

Loxia curvirostra, L., var. americana (Wils.), Cs. Common Crossbill.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 374 | | | | | | | Purchased |

Leucosticte tephrocotis Sw.
Gray crowned Finch.

| Cran. | Skel. | Stern. | Sex. | Locality. | Date | Collector. | Donor. |
|-------|-------|--------|------|----------------|----------|-------------------------------|--------|
| 2401 | 2400 | | | Fort Shann Mm. | Apr 1860 | Ap. Surg. J. C. Merriell W.S. | |

Aegithus linaria (L.) Cat.
Red Poll Linnet

| Cran. | Skel. | Stern. | Sex. | Locality. | Date | Collector. | Donor. |
|-------|-------|--------|------|----------------|-----------|------------------------------|--------|
| 2397 | 2399 | | | Fort Shann Mm. | Apr. 1860 | A. Surg. J. C. Merriell W.S. | |
| | | | | " " " | " " | " " " | " " |

Chrysomitris tristis (L.), Bp. American Goldfinch; Yellow-bird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------|-------|----------------|-----------------|
| 375 | | | | | | | Purchased |
| 376 | | | | | | | " |
| | 1207 | | | Wash. D.C. | | Dr B. Schaplin | Dr B. Schaplin |
| 1376 | | | | | | Dr H.C. Garman | Dr J. C. Garman |

Chrysomitris psaltria (Say), Bp. Arkansas Goldfinch.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------------------|----------|----------------|-----------------|
| 1493 | | | | San Aldefonso New Mex. | Aug 1874 | Dr H.C. Garman | Ep. W. J. W. M. |
| | | 1494 | | " | " | " | " |

~~75~~

Plectrophanes maccownii Lawr.
McCown's Lark Bunting.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|---|-----------------|------------------|------|----------------|----------|-------------|---|
| 1684 | | | | North Colorado | 1876 | Dr E. Cones | U.S. Nat. Mus. & Gen. Sec. of War Am. Mus. Nat. Hist. |
| <p><u>Plectrophanes nivalis</u> (L.) Meyer Snow Bunting</p> | | | | | | | |
| 2409 | 2409 | 2533 | | Ft. Shaw Mont. | Apr 1880 | A. S. J. L. | Merrill U.S.A. |
| 2409 | | 2409a | | " " " | " | " | " |
| 2410 | | | | | | | |

Junco hyemalis (L.), Sel. Snowbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|-------------------|----------|--------------------|-----------|
| | 4 | | ♂ | | | | Purchased |
| 386 | | | | | | | " |
| 387 | | | | | | | " |
| 388 | | | | | | | " |
| 389 | | (2194) | | Madisonville Ohio | Apr 1874 | F. W. Langdon Esq. | |

Junco cinereus (Sw.), Cab., ~~Junco cinereus~~
Cinereous Snow Bird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------------|--------------|---------------|------------|
| 1518 | | | | Mr. Graham Arizona | Aug. 1874 | J. W. Henshaw | E. W. from |

Spizella

Spizella monticola (Gm.), Bd. Tree Sparrow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|------------------|----------|--|-----------------|
| 390 | | | | | | | Purchased. |
| 1378 | 2403 | | | Fl. Shaw Montana | Apr 1876 | Dr J. C. Yarrow A. Surg. J. C. Mendenhall | Dr J. C. Yarrow |

Spizella socialis (Wils.), Bp. Chipping Sparrow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 381 | | | | | | | Purchased |

Spizella socialis (Wils.), Bp., var. arizonae, Cs. Arizona
Chipping Sparrow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------------------|---------------|----------------|-----------------|
| 1488 | | | | Camp Lowell Arizona | Sept. 1874 | J. W. Stensham | Ep. W. of 100 m |
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Spizella pusilla (Wils.), Bp. Field Sparrow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|-----------------|------|--------------------|-------------|-----------------------------------|-----------------------------------|
| 380 | | | | | | | Purchased. |
| 1447 | | | | Georgetown D.C. | Mar 1875 | Dr J. C. Yarrow J. W. Stensham | Dr J. C. Yarrow J. W. Stensham |
| | | 1448 | | " | " | " | " |
| | 2310 | 1448 | | " | " | " | " |
| | | | | Wash. W.C. | 6-1 1879 | J. W. Stensham | J. W. Stensham |
| 2293 | | | | Mr. Carmel Ill. | " | R. Ridgway | J. W. Stensham |
| 2294 | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Spizella pallida (Sw.), Bp. var. breweri (Cass.), Cs.
Brewer's Sparrow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------------------|---------------|----------------|-----------------|
| 1503 | | | | Camp Lowell Arizona | Sept. 1874 | J. W. Stensham | Ep. W. of 100 m |
| 1504 | | | | " | " | " | " |
| | | 1505 | | " | " | " | " |
| | | | | | | | |
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Zonotrichia albicollis (Gm.), Bp. White-throated Sparrow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|-----------------|-------|-----------------|-----------------|
| 371 | | | | | | | Purchased |
| 372 | | | | | | | " |
| 373 | | | | | | | " |
| 1377 | | | | | | Dr J. C. Yarrow | Dr J. C. Yarrow |
| | | 2302 | | Mr. Carmel Ill. | 6-79 | R. Ridgway | J. W. Stensham |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
| | | | | | | | |

Zonotrichia leucophrys (Gm.) Sw.
White-throated Sparrow.

| | | | | | | | |
|------|--|--|--|---------------|--------|----------------|-----------------|
| 2117 | | | | Canyon Nevada | May 77 | J. W. Stensham | Ep. W. of 100 m |
|------|--|--|--|---------------|--------|----------------|-----------------|

Chondestes grammacus (Say) Bp.
East Finch

| | | | | | | | |
|------|--|--|--|---------------|----------|----------------|------------------|
| 2112 | | | | Canyon Nevada | May 1877 | J. W. Stensham | Ep. W. of 100 m. |
|------|--|--|--|---------------|----------|----------------|------------------|

Passerella iliaca (Merrem.), Sw. Fox Sparrow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------------|-------|--------|------|-------------------|----------|--------------|----------------------|
| 368 2262 | | 2263 | | Madisonville Ohio | Sept. 79 | F. W. Sanger | Purchased Sanger. |
| | | | | " " | " " | " | " |

Calamospiza bicolor (Towns.), Bp. Lark Bunting; White-winged Blackbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|-----------------|------|------------------------|-----------|---------------------|---------------------|
| 1486 | | | ♂ | Pescado New Mexico | July 1873 | H. W. Henshaw | Ep. W. f 100 M |
| | | 1487 | ♂ | " " | " | " | " |
| 1610 | | | | Fort Wadsworth Dacotah | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |
| | | 1611 | | " | " | " | " |

Euspiza americana (Gm.), Bp. Black-throated Bunting.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|---|-------|--------|------|------------------------|-------|---------------------|----------------------------------|
| 367 1636 1637 1638 | | | | Fort Wadsworth Dacotah | 1876 | Dr C. E. Mc Chesney | Purchased Dr C. E. Mc Chesney |
| | | | | " | " | " | " |
| | | | | " | " | " | " |
| | | 1639 | | " | " | " | " |

Goniaphea ludoviciana (L.), Bowdich. Rose-breasted Grosbeak.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------------------------|-------|--------|------|-------------------|-----------|---------------------|---|
| 1345 | 1136 | | ♀ | Pembina | June 1873 | Dr E. Coues | Purchased W. H. Bond Com. Dr E. Coues W. H. Bond Com. |
| | | 1346 | | " | " | " | " |
| 2426 2427 | | | | Fort Snelling Dak | June 1881 | Dr C. E. Mc Chesney | |
| | | | | " " | " " | " " " " | " |

Goniaphea melanocephala (Sw.), ———. Black-headed Grosbeak.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------------------|--------------|----------------------------------|---------------|
| 1511 | | | | Camp apache arizona | July 1874 | J. H. W. Henshaw J. H. Rutter | Ed. W. from m |
| | | 1512 | | " " | " " | " " | " " |
| 2110 | | | | Cannon Nevada | June 1874 | J. H. W. Henshaw | " " |

Cyanospiza cyanea (L.), Bd. Indigo Bird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|------------|
| 391 | | | | | | | Purchased. |

Cardinalis virginianus (Brisson), Bp. Cardinal Redbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|----------|-------|-------|------------------|
| 40 | | | | | | | Purchased |
| 360 | | | | | | | " |
| 361 | | | | | | | " |
| 362 | | | | | | | " |
| | | 1278 | | Virginia | | | Mr. F. Schaphius |

Pipilo erythrophthalmus (L.), V. Towhee Bunting; Chewink.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|----------------|-------------|------------|------------------|
| 363 | | | | | | | Purchased |
| 364 | | | | | | | " |
| 365 | | | | | | | " |
| 366 | 2280 | | | Mr. Carmel 24. | Aug 1879 | R. Ridgway | " |
| | | 2281 | | " " " | " | " | J. H. W. Henshaw |

Pipilo fuscus, Sw. Brown Towhee; Cañon Finch.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------------|-------------|--------------|-----------------|
| 1489 | | | | Camp Bowie Arizona | Aug 1874 | J. M. Rutter | Sp. m. of 100 m |

Family ICTERIDÆ: American Starlings.
Dolichonyx oryzivorus (L.), Sw. Bobolink; Reed-
bird; Ricebird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|-----------------------|--------------|---|--|
| 37 | | | | Maryland | | | Dr. F. Schaphius |
| 79 | | | | " | | | " " |
| 394 | | | | | | | Purchased |
| 395 | | | | | | | " |
| | 584 | 1344 | ♂ | Wash. W.C. Pembina | June 1873 | A. K. Ferris W.C. Dr. E. Conner W.C. | A. K. Ferris W.C. Dr. E. Conner W.C. W. H. Bond. Bond. Com. |

Molothrus ater (Gm.), Sw. Cowbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------|--------------|-------------------|--|
| 396 | | | | | | | Purchased |
| | 1325 | | | Pembina | June 1873 | W. E. Conner W.C. | W. H. Bond. Bond. Com. Dr. E. Conner W.C. |

Agelaius phoeniceus (L.), V. Red-winged Blackbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|-----------|-------|-------|------------------|
| 70 | | | | Maryland. | | | Dr. F. Schaphius |
| | 117 | | ♀ | | | | Purchased |
| 397 | | | | | | | " |
| 398 | | | | | | | " |
| 399 | | | | | | | " |

Xanthocephalus icterocephalus (Br.), Bd. Yellow-headed Blackbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------|-----------|-----------------|----------------|
| | | 1479 | | Rio grande Col | Aug 1874 | C. E. Aiken | Ep. w. f i r m |
| 1492 | | | | Pagosa Colorado | Sept 1874 | Wm H. C. Yarrow | " " " " " |

Sturnella magna (L.), Sw. Field-Lark; Meadow-Lark.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|---------------|--------|------|--------|-------|-------|-----------|
| | 14 | | ♂ | | | | Purchased |
| 400 | | | | | | | " |
| 401 | | | | | | | " |
| 402 | | | | | | | " |

Sturnella magna (L.), Sw. var. neglecta (Aud.), All. West-ern Field-Lark.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|-----------------|-----------|--------------------|--------------------|
| | | 1471 | | Pagosa Colorado | Sept 1874 | C. E. Aiken | Ep. w. f i r m |
| | 1612 | | | Fort Wadsworth | 1876 | Wm C. E. McChesney | Wm C. E. McChesney |
| 1613 | | | | " | " | " | " |
| 1614 | | | | " | " | " | " |
| 1615 | | | | " | " | " | " |

Icterus baltimore (L.), Daudin. Baltimore Oriole.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|----------------|-------|--------------------|---------------------|
| 403 | | | | | | | Purchased. |
| 1627 | | | | Fort Wadsworth | 1876 | Wm C. E. McChesney | Wm C. E. McChesney. |
| | | 1628 | | " | " | " | " |

Icterus bullockii (Sw.), Bp. Bullock's Oriole.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------------|-----------|------------------------|------------------|
| 1472 | | | | Pueblo Colorado | July 1877 | C. E. Aiken | Eph. W. f. 100 m |
| 1520 | | | | " " | " | " | " " " |
| 2118 | | | | Canon Nevada | May 1877 | J. W. Stansham | " " " |
| | 2411 | | | Fort Shann Mont. | Apr 1880 | A. S. S. J. C. Merrill | W. A. |

Scolecophagus ferrugineus (Gm.), Sw. Rusty Grackle.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|----------|-------|-------|---------------|
| 404 ✓ | | | | | | | Purchased |
| 405 ✓ | | | | | | | " |
| 406 ✓ | | | | | | | " |
| | 809 | | | Virginia | | | A. Hunter Esq |

Scolecophagus cyanocephalus (Magl.), Cab. Blue-headed Grackle.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------|-----------|--------------|-------------------------|
| 939 ✓ | | | | Fort Cobb Ariz | | W. E. Palmer | Smithsonian Institution |
| | | 1473 ✓ | | Pueblo Colorado | July 1874 | C. E. Aiken | Eph. W. f. 100 m |

Quiscalus purpureus (Bartr.), Licht. Purple Grackle; Crow Blackbird.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------|-------|-------|-----------------|
| 39 ✓ | | | | Virginia | | | Dr. F. Schapher |
| 407 ✓ | | | | | | | Purchased |
| 409 ✓ | | | | | | | " |
| 408 ✓ | | | | | | | " |
| | 824 | | ♂ | | | | Purchased |
| | | 1279 ✓ | | Wash. D. C. | | | Dr. F. Schapher |

Family CORVIDÆ: Crows.
Sub-Family Corvinæ: Ravens and Crows.
Corvus corax, Linn. Raven.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|---|--------------|--------------------|--------------------------|
| 410 ✓ | | | | O. Richardson Texas Camp Grant Arizona Camp Apache Arizona | 1868 | | Purchased |
| 707 ✓ | | | | | | | W. B. B. Miles |
| 927 ✓ | | | | | | Dr E. Palmer | Smithsonian Institute |
| 1467 ✓ | | | | | July 1874 | Wm. J. T. Rothrock | Eg. W. of 100 m. |
| 1568 ✓ | | | | | | H. W. Henshaw | " " " " " |

Corvus cryptoleucus, Couch. White-necked Raven.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 411 ✓ | | | | | | | Purchased |

Corvus americanus, Aud. Common Crow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------------|-------|-------|-------------------------------|
| | 133 ✓ | | ♀ | | | | E. P. Rollins Esq |
| 412 ✓ | | | | | | | Purchased |
| 413 ✓ | | | | | | | " |
| 838 ✓ | | | | Camp Supply Ind. Territory | 1869 | | Dr Geo. M. Stenberg W. Va. |

Corvus ossifragus, Wils. Fish Crow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|------------|
| 414 ✓ | | | | | | | Purchased. |

86

Picicorvus columbianus (Wils.), Bp. Clarke's Crow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|----------------|-----------|---------------|-------------------|
| 926 ✓ | | | | California | | W. Niele | Smithsonian Inst. |
| 949 ✓ | | | | Gr. Whinsee | | W. E. Palmer | W. E. Palmer |
| 1391✓ | | | | Arizona | | | |
| | | | | Rio Grande Rio | June 1873 | J. W. Henshaw | E. W. of 100 m |
| | | | | Colorado | | | |

Gymnokitta cyanocephala, Maxim. Blue Crow.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------|-------|--------------|--------------|
| 971✓ | | | | Gr. Whinsee | | W. E. Palmer | W. E. Palmer |
| | | | | Arizona | | | |

Sub-Family Garrulince: Jays.
Pica melanoleuca, V., var. nuttalli (Aud.), Cs. Yellow-billed Magpie.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|----------------|-----------|---------------|----------------|
| | 1400✓ | 2102✓ | | San Bernardino | July 1875 | H. W. Henshaw | E. W. of 100 m |
| | | | | California | May 1877 | " " " | " " " " " |
| | | | | Cum in New | | | |

Cyanurus cristatus (L.), Sw. Blue Jay.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|------------------|--------|------|--------|-------|-------|------------|
| | 115 ✓ | | ♂ | | | | Purchased. |
| 415✓ | | | | | | | " |
| 416✓ | | | | | | | " |
| 417 ✓ | | | | | | | " |
| 418 ✓ | | | | | | | " |

Aphelocoma floridana (Bartr.), Cab., var. Woodhousei (Bd.), All. Woodhouse's Jay.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------------|-----------|-------------|------------------|
| | | 1469✓ | | Gr. Jayland Colorado. | Oct. 1894 | C. E. Aiken | Ep. W. of 1000 m |

Perisoreus canadensis (L.), Bp. Canada Jay.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 419✓ | | | | | | | Purchased |

SUB-ORDER Clamatores.
Family TYRANNIDÆ: American Flycatchers.
Tyrannus carolinensis (L.), Bd. Kingbird; Bee-Martin.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------|-------|-----------------|-----------------|
| 291✓ | | | | | | | Purchased |
| 292✓ | | | | | | | " |
| | 1339✓ | | | | | Dr E. Combs Wda | Dr E. Combs Wda |
| 1340✓ | | | | | | | " " |
| 1341✓ | | | | | | | " " |
| | 1342✓ | | | | | | " " |

Tyrannus verticalis Say
Arkansas Flycatcher.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------|-------|---------------------|------------------|
| | 1641✓ | | | Fort-hads worth Daculab | 1896 | Dr C. E. Mc Chesney | Dr E. Mc Chesney |
| 1642✓ | | | | " | " | " | " |
| 1643✓ | | | | " | " | " | " |
| 1644✓ | | | | " | " | " | " |
| 1645✓ | | 1646✓ | | " | " | | " |

Sayornis fusca (Gm) Baird
Penne Peniv. Phoebe birds

| Date | Cran. | Skel. | Sex. Stern. | Locality. | Collector. | Donor. |
|----------|------------------|----------------------|---------------------------|---------------------------|---|---------------|
| Apr 1897 | 2128✓ | 1752✓ (Mar.) 1898 | | Virginia Kathingham Md | H. W. Henshaw A. A. Smy. H. L. Henshaw Wda | |
| Oct 79 | 2287✓ | " " | 2129✓ | Mr. Carme Ill. | R. Ridgway | H. W. Henshaw |

Contopus virens (L.), Cab. Wood Pewee.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|--------|-------|-------|-----------|
| 293✓ | | | | | | | Purchased |

Contopus virens (L.), Cab., var. richardsonii
(Sw.), Cs. Western Wood Pewee.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------------------------|--------------|-----------------|-----------------|
| 1498 | | | | Sierra Amarilla New Mexico | Sept 1874 | Dr H. C. Yarrow | Ep. W. of 100 m |
| 1508 | | | | " | " | " | " |
| | 1509 | | | " | " | " | " |

ORDER **PICARIAE**: Picarian Birds.
SUB-ORDER **CYPSELI**: Cypseliform Birds.
Family CAPRIMULGIDAE: Goatsuckers.
Antrostomus vociferus (Wils.), Bp. Whippoorwill; Night-
Jar.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|---|-------|--------|------|---------------------------|-------|--------------------|--------------------|
| 861 | | | | Old Puma Agency Dawlat | 1871 | Dr J. N. Hopkins | Dr Geo. Hopkins |
| <u>Chordeiles virginianus</u> (Brisson) Bp. var <u>henryi</u> (Cass.) all. western higher than | | | | | | | |
| 1647 | | | | Fort Wadsworth Dawlat | 1876 | Dr C. E. McChesney | Dr C. E. McChesney |
| 1648 | | | | " | " | " | " |
| 1649 | | | | " | " | " | " |
| 1650 | | | | " | " | " | " |
| | 1651 | | | " | " | " | " |

Family CYPSELIDAE: Swifts.
Panyptila saxatilis (Woodh.), Cs. White-throated Swift.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------------------------|-------------|------------------|------------------|
| 1500 | | | | San Ildefonso New Mex. | Aug 1874 | Dr. H. C. Yarrow | Ep. W. of 100 m. |

Chaetura pelagica (L.), Steph. Chimney Swift.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 171 | | | ♂ | | | | Purchased |

Family TROCHILIDÆ: *Humming-Birds.*
Trochilus colubris, L. *Ruby-throated Humming-Bird.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 290 ✓ | | | | | | | Purchased |

Trochilus alexandri, Bourc. *Black-chinned Humming-Bird.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|---------|----------|--------------------|----------------|
| 1456 ✓ | | | | Arizona | Aug 1874 | Dr. J. T. Rothrock | Ep. w. f 100 m |
| 1457 ✓ | | | | " | " | " | " |
| 1458 ✓ | | | | " | " | " | " |
| | | 1459 ✓ | | " | " | " | " |

Selasphorus rufus (Gm.), Sw. *Rufous-backed Humming-Bird.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|-------------------|------|--------------------------|----------|------------------|----------------|
| 1453 ✓ | | | | San Blas Is. New Mex. | Aug 1874 | Dr. J. C. Yarrow | Ep. h. f 100 m |
| 1454 ✓ | | | | " | " | " | " |
| | | 1455 ✓ | | | | | |
| 2233 ✓ | | | | California | 1878 | J. W. Stenshan | " |

Selasphorus platycercus (Sw.), Gld. *Broad-tailed Humming-Bird.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|--------------|----------|--------------------|----------------|
| 1449 ✓ | | | | Taos New Mex | Aug 1874 | Dr. J. C. Yarrow | Ep. w. f 100 m |
| 1450 ✓ | | | | " | " | " | " |
| 1451 ✓ | | | | " | " | " | " |
| | | 1452 ✓ | | Arizona | 1874 | Dr. J. T. Rothrock | " |

Stellula calliope (—), Gld. *Calliope Humming-Bird.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------------|-----------|-----------------|----------------|
| | | 1522✓ | | Jaws New Mex. | Aug. 1874 | Dr J. C. Yarrow | Ep. w. f 100 m |

Family ALCIDINIDÆ: *Kingfishers.*
Ceryle alcyon (L.), Boie. *Belted Kingfisher.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|------------|
| | 155✓ | | ♂ | | | | Purchased. |

Family CUCULIDÆ: *Cuckoos.*
Geococcyx californianus (Less.), Bd. *Ground Cuckoo;*
Chaparral Cock.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------|-----------|---------------|-----------------|
| | | 1464✓ | ♀ ad | Camp Grant Ariz | July 1874 | J. W. Henshaw | Ep. w. cf 100 m |
| 1466✓ | | | ♀ ad | " " | " " | " " | " " |
| 1738✓ | | | | California | 1878 | A. A. Sney | J. C. Yarrow |

Coccyzus erythrophthalmus (Wils.), Bd. *Black-billed Cuckoo.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------|-----------|-----------------|---------------------------|
| 281✓ | | 2140✓ | | Fr. Sisolé Mex. | June 1866 | A. A. Sney | Purchased C. E. McChesney |
| 2441 | | | | Marh. d. b | June 1881 | W. B. Schaffert | |

Coccyzus americanus (L.), Bp. Yellow-billed Cuckoo.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------|-------|-------|-----------|
| 278 ✓ | | | | | | | Purchased |
| 279 ✓ | | | | | | | |
| 280 ✓ | | | | | | | |

Family PICIDÆ: Woodpeckers.
Hylotomus pileatus (L.), Bd. Pileated Woodpecker; Log-cock.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------------------------|-------|-------|----------------|
| | 550 ✓ | | | | | | Purchased |
| 621 ✓ | | | | | | | " |
| 718 ✓ | | | | Gov. Richardson Texas | 1868 | | Wm B. B. Miles |

Picus albolarvatus (Cass) Baird
white-headed woodpecker

| | | | | | | | |
|--------|--|--|--|-----------------|-----------|---------------|------------------|
| 2121 ✓ | | | | Honey Lake Ariz | July 1877 | J. W. Henshaw | Exp. W. f 100 m. |
|--------|--|--|--|-----------------|-----------|---------------|------------------|

Sadder-back.

Picus scalaris, Wagl.
Woodpecker.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|--------|--------|------|------------------------|-------------|--------------|------------------|
| | 1484 ✓ | | | Camp Lowell Arizona | Aug 1873 | J. M. Butler | Exp. W. f 100 m. |

Picus villosus, L. Hairy Woodpecker.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|--------|-------|-------|------------------|
| 602 ✓ | | | | | | | Purchased |
| 1370 ✓ | | | | | | | Wm. H. P. Garraw |

Picus villosus, L., var. *harrisi* (Aud.), All. *Harris' Woodpecker.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------------------|----------------------|------------------------|-----------------------------|
| 1370 | | | | Pueblo Col. | July 1874 | C. E. Aiken | Eph. W. f. 100 m |
| | | 1477 | | Pagosa " | " | C. E. Aiken | " " |
| 1491 | | | | Camp Apache Arizona | July 1874 | Dr J. B. Rothrock | " " |

Picus pubescens, L. *Downy Woodpecker.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|-----------------|------|-----------------|----------|------------------|---------------|
| 282 | | | | | | | Purchased |
| 283 | | | | Washington, Md. | Mar 1878 | H. A. Sargent | J. P. Sargent |
| 2137 | | 2132 | | Middletown Ohio | Mar 1878 | Frank W. Sargent | J. P. Sargent |
| | | 2197 | | | | | |

Picoides americanus, Brehm., var. *dorsalis* (Bd.), All. *Striped-backed Woodpecker.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------|-----------|-------------|------------------|
| | | 1475 | | Pagosa Col. | Sept 1874 | C. E. Aiken | Eph. W. f. 100 m |

Sphyrapicus varius (L.), Bd. *Yellow-bellied Woodpecker.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------|-----------|------------------|------------------|
| | 811 | | | | | | Purchased |
| | | 1276 | | Wash. D.C. | | | Dr. F. Schaffner |
| 1329 | | | | Pembina | June 1873 | Dr E. C. Sargent | Dr. F. Schaffner |
| 1336 | | | | " | " | " | Dr. F. Schaffner |
| 2309 | | | | Wash. D.C. | June 1879 | J. W. Sargent | Dr. F. Schaffner |

Sphyrapicus thyroideus (Cass.), Bd. Brown-headed Woodpecker.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---|-----------|-----------------------------|----------------|
| | | 1397✓ | ♂ ad | Fr. Garland Colorado. | June 1873 | H. W. Henshaw | Ep. W. from M. |
| 2295✓ | 2275✓ | | | Centurus carolinus (L.) Bp. Red-bellied Woodpecker. Madisonville Ohio Mr. Cane 22. | Sept 1879 | F. W. Langdon R. Ridgway | H. W. Henshaw |
| | | 2296✓ | | | | | |

Centurus uropygialis, Bd. Gila Woodpecker.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--|----------|---------------|------------------|
| | 1483✓ | | | Camp Lowell Arizona | Aug 1874 | H. W. Henshaw | Ep. W. from M. |
| 2116✓ | | | | Asyndesmus longicaudus (Wils) Co. Elm Woodpecker Canon Nevada | May 1877 | H. W. Henshaw | Ep. W. of 100 M. |

Melanerpes erythrocephalus (L.), Sw. Red-headed Woodpecker.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|----------|-----------|------------------|------------------------|
| 284 ✓ | | | | | | | Purchased |
| 285✓ | | | | | | | " |
| | 1206✓ | | | Virginia | | Priv. Palmer USA | Priv. Palmer USA |
| 1337✓ | | | | Pembina | June 1873 | Dr. E. Conus USA | U.S. North Bound. Com. |
| | | 1338✓ | | " | " | " | Dr. E. Conus USA. |
| | | | | " | " | " | " |

Colaptes auratus (L.), Sw. Golden-winged Woodpecker; Flicker.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|---------|-----------|------------------|------------------------|
| | 118✓ | | | | | | Purchased. |
| 286 ✓ | | | | | | | " |
| 287✓ | | | | | | | " |
| 288 ✓ | | | | | | | " |
| 289 ✓ | | | | | | | " |
| | | 1327✓ | | Pembina | June 1873 | Dr. E. Conus USA | U.S. North Bound. Com. |

Colaptes mexicanus, Sw. Red-shafted Woodpecker.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------------------|-------|--------|------|--|--|---|------------------|
| 2079 ✓ 2164 ✓ | | 1470 ✓ | | Pueblo Col Camp Supply Ind. Terr. " " | Oct 1874 Jan 1878 Apr 1878 | C. E. Aiken A. A. Surr. B. H. Aikin W. S. E. Wilson | Eph. W. J. 100 m |

ORDER **Psittaci**: Parrots.
Family ARIDE: Parroquets.
Conurus carolinensis (L.), Kuhl. Carolina Parroquet.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 277 ✓ | | | | | | | Purchased |

ORDER **Raptores**: Birds of Prey.
Family STRIGIDE: Owls.
Strix flammea, L., var. americana (Aud.), Cs. Barn Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--------|-------|--------|------|--------|-------|-------|---------------------------------|
| 1351 ✓ | | | | | | | Stock - Stern Kennedy u.s.a. |

Bubo virginianus (Gm.), Bp. Great Horned Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|---|-------|--------|------|--|-------------------------|---|---|
| 270 ✓ 837 ✓ 860 ✓ 2144 ✓ | | | | Camp Supply Ind. Terr. St. Simons Is. Ark. | 1869 Aug 1878 | Dr. C. C. Gray A. A. Surr. C. C. McChesney | Purchased Dr. J. M. Stenberg Dr. C. C. Gray u.s.a. |

Scops asio (L.), Bp. Screech Owl; Mottled Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------------------------|--------|------|-----------|-------------|---------|------------------------------------|
| 274✓ | 610✓ 2420 | | | Wash D.C. | Apr 1881 | W. G. S | Purchased Purchased Chapman. |

Otus vulgaris (L.), var. wilsonianus (Less.), All.
Long-eared Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------|--------------|---------------|-------------------------------|
| | 603✓ | 1241✓ | | Beaver Utah | Nov. 1872 | H. W. Henshaw | Purchased Ep. W. of 100 m. |

Brachyotus palustris (Bechst), Bp. Short-eared Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|---------------------------|-------|--------|------|-----------------------------------|---------|---------------|---|
| 273 ✓ | 591✓ | | | Maryland Washington Lake, Cal. | Aug. 77 | H. W. Henshaw | Purchased Purchased Dr Johnson Elliott Ep. W. of 100 m |
| 788 ✓ 2091✓ | | | | | | | |

Syrnium nebulosum (Forst.), Gr. Barred Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| | 156✓ | | ♂ | | | | Purchased |
| 272✓ | | | | | | | " |

Nyctea nivea (Daud.), Gr. Snowy Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 271 ✓ | | | | | | | Purchased |

Nyctale acadica (Gm.), Bp. Acadian Owl; Saw-whet Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|------------------------------------|
| 897 ✓ | | | | | | | Dr W. E. Whitehead ^{W.E.} |

Glaucidium passerinum (L.), Bp., var. californicum (Sel.),
Ridg. Pygmy Owl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|--------|-----------------------|--------------|---------------|-----------------|
| | | 1403 ✓ | ♂ juv. | Gila River New Mex | Sept 1873 | H. W. Henshaw | E. W. of 100 m. |

Family FALCONIDÆ: Diurnal Birds of Prey.
Circus cyaneus (L.), Lacép., var. hudsonius (L.), Cs.
Marsh Hawk; Harrier.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|-----------------|----------|---------------------|-------------|
| 268 ✓ | | | | | | | Purchased |
| 921 | | | | Mirador Mex. | | W. C. Sartorius | Smithsonian |
| 2388 ✓ | | 2392 ✓ | | Fort Shaw Mont. | Apr 1880 | A. S. J. C. Merrill | W. E. |
| | | | | " " " | " " | " " | " " |

Elanus leucurus (N.) Bp.
White-tailed Kite Black-shouldered Kite

| | | | | | | | |
|--------|--|--|--|-------------------------|----------|---------------------|-------|
| 2209 ✓ | | | | Panama Supply Ind. Terr | Feb 1899 | A. S. J. C. Merrill | W. E. |
|--------|--|--|--|-------------------------|----------|---------------------|-------|

Accipiter fuscus (Gm.), Bp. Sharp-shinned Hawk; Pigeon Hawk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|------------|-------|-------|------------------|
| | 604✓ | | | | | | Purchased |
| 949 ✓ | | | | | | | " |
| 1294✓ | | | | | | | " |
| | 1295✓ | | | | | | " |
| 246 | | | | Wash. D.C. | | | E. F. Schaphert. |

Accipiter cooperi, Bp. Cooper's Hawk; Chicken Hawk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------|-------|-------|----------------|
| 266✓ | | | | | | | Purchased |
| 717 ✓ | | | | Pl. Richardson Texas | 1868 | | Wm B. B. Miles |
| | 800✓ | | | | | | Purchased |

Astur atricapillus (Wils.), Bp. Goshawk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|---------|---------------|----------------|
| | 139✓ | | ♀ | | | | Purchased |
| 265✓ | | 2225✓ | | Oregon | Aug. 78 | W. W. Henshaw | E. W. Johnson. |

Falco (Hiero-falco) gyrfalco (Linn.), var. islandicus Sabine.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------------|-------|--------------|-------------------|
| 922✓ | | | | Yukon Riv. Alaska | | J. Lockhart, | Smithsonian Inst. |

Falco mexicanus (Licht.), var. polyagrus, Ridg. Lanier Falcon.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--------|-------|--------|-------|-------------|-----------|---------------|-----------------|
| 2230 ✓ | | 1386 ✓ | ♂ ad. | Nevada Col. | May 1873 | H. W. Henshaw | Ep. W. J. W. M. |
| | | | | Oregon | Aug. 1878 | " " " | " " " |

Falco communis Variorum. Peregrine Falcon; Duck Hawk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------------|-------|----------------|-------------------|
| 923 ✓ | | | | Fort Yukon Alaska | | Strachan Jones | Smithsonian Inst. |

Falco columbarius, L. Pigeon Hawk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------|----------|---------------------|-----------------------------|
| 269 ✓ | | | | Fort Yukon Alaska | | J. Mc Dougall | Purchased Smithsonian Inst. |
| 924 ✓ | | | | | | | |
| 1594 | | | | <u>Falco sparverius</u> | | | <u>Sparrow Hawk.</u> |
| 2108 ✓ | | 1595 ✓ | | Fort Hadsen with Navaho | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |
| | | | | Canyon Nevada | May 1877 | H. W. Henshaw | Ep. W. J. W. M. |

Buteo borealis (Gm.), V. Red-tailed Buzzard; Hen Hawk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|------------------------|-----------|------------|----------------------|
| 263 ✓ | 15 ✓ | | ♂ | | | | Purchased |
| 264 ✓ | | | | | | | " |
| 716 | | | | St. Richardson Texas | 1868 | | Dr B. B. Miles |
| 2082 ✓ | | 2083 ✓ | | Camp Supply Ind. Terr. | Jan. 1878 | A. A. Sney | J. H. Arthur Ind. T. |
| | | | | " " " " | " " " | " " " | " " " " |

Buteo borealis (Gm.), V., var. *calurus* (Cass.),
Ridg. Western Red-tailed Buzzard.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|------------|--------|---------------|-------------------|
| 1369 | | | | Gila River | Oct. | | |
| | | | | New Mexico | 1873 | H. W. Henshaw | Eph. W. of 100 m. |
| | | 1462 | | Mr. Graham | Aug | " | " |
| | | | | Arizona | 1874 | " | " |
| 1485 | | | | " | " | " | " |
| 2228 | | | | Oregon | Aug 78 | " | " |
| 2229 | | | | " | " | " | " |

Buteo lineatus (Gm.), Jard. Red-shouldered Buzzard.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|----------------|-----------|-----------------|----------------|
| 267 | | | | | | | Purchased |
| 708 | | | | Dr. Richardson | 1868 | | Wm B. B. Miles |
| 2437 | | | | Texas | | | |
| | | | | Washington | June 1881 | W. G. Schaphert | |

Buteo swainsoni, Bp. Swainson's Buzzard.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|-------|----------------------|-------|---------------------|-------------------|
| | | 1385 | ♀ ad. | Camp Grant | July | | |
| | | | | Arizona | 1874 | H. W. Henshaw | Eph. W. of 100 m. |
| 1685 | | | | North | | | W. G. Schaphert |
| | | | | Colorado | 1876 | W. E. Cones. | W. G. Schaphert |
| | 2186 | | | Camp Supply 2nd Term | Sept | | |
| | | | | | 1878 | St. John - St. John | S. Kitchen Co. |

Archibuteo lagopus (Brunn.), Gr., var. *sancti-johannis*
(Gm.), Ridg. Rough-legged Buzzard.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|----------------------|-------|---------------|--------------------|
| 936 | | | | Fort Yukon | | J. Mc Dougall | Smithsonian |
| | | | | Alaska | | | Inst. |
| 937 | | | | " | | " | " |
| 938 | | | | " | | " | " |
| | 2080 | | | Camp Supply 2nd Term | June | A. A. Sney | F. H. Atkins W. G. |
| | | | | | 1878 | | |

Asturina plagiata, Schlegel. *Gray Hawk*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------------------|--------------|---------------|------------------|
| | | 1463✓ | ♂ | Camp Lowell Arizona | Sept 1874 | H. W. Henshaw | Exp. W. of 100 m |

Pandion haliaetus (L.), Savigny. *Fish Hawk; Osprey*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| | 135✓ | | ♂ | | | | Purchased |

Aquila chrysaetus, (L.). *Golden Eagle*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------------|-------|--------|------|---------------------------------|--------------------------|--|---|
| 891 1197✓ | 796✓ | | ♂ | Walcata | 1869 | Dr C. C. Gray ^{usa} | Dr C. C. Gray ^{usa} Dr. A. H. Gardner ^{usa} Dr. J. W. Bremer ^{usa} |
| 2353✓ | 2085✓ | | | Pi. Lamed Kansas Wash. D. C. | Jan 30 1878 Dec 79 | A. A. Sarg. F. H. Atkins ^{usa} Sarg. W. L. Huntington ^{usa} | |

Haliaetus leucocephalus (L.), Savigny. *White-headed Eagle; Bald Eagle*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|---|-------|--------|------|-----------------------------|-----------|---------------|--|
| 836✓ 892✓ 893 2107 | 583✓ | | | Camp Supply Indian Terr. | 1869 | | Purchased Dr J. M. Stenberg ^{usa} Dr W. E. Whitehead ^{usa} |
| | | | | Eagle Lake Calif. | July 1877 | H. W. Henshaw | Exp. W. of 100 m. |

Family CATHARTIDÆ: American Vultures.

Cathartes aura (L.), Illiger. Turkey Buzzard.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------------------------------------|-------|-------|---------------------------------|
| 709✓ | 138✓ | | ♀ | Wash. W.C. R. Richardson Texas | 1868 | | P. McEneaney Wm. B. B. Miles |

ORDER COLUMBÆ: Pigeons, etc.

Family COLUMBIDÆ: Pigeons.

Columba fasciata, Say. Band-tailed Pigeon.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------------|--------------|---------------|-----------------|
| 1490✓ | | | | Mr. Graham Arizona | Oct. 1874 | J. W. Henshaw | Ex. W. of 100 m |

Ectopistes migratorius (L.), Sw. Wild Pigeon.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|------------------------|
| 424✓ | 958✓ | | ♂ | | | | Purchased Purchased |

Zenaidura carolinensis (L.), Bp. Carolina Dove.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------|-------|-------|-----------|
| | 114✓ | | ♀ | | | | Purchased |
| 425✓ | | | | | | | " |
| 426 ✓ | | | | | | | " |
| 427 ✓ | | | | | | | " |
| 428✓ | | | | | | | " |

ORDER **Gallinae**: Gallinaceous Birds.
 Family MELEAGRIDIDÆ: Turkeys.
Meleagris gallopavo, L. Turkey.

103

| Cran. | Skel. | Sterna. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|---------|------|--------|-------|-------|-----------|
| | 141✓ | | ♀ | | | | Purchased |
| 429✓ | | | | | | | " |
| 430✓ | | | | | | | " |

Meleagris gallopavo, L., var. *americana* (Bartr.),
 Cs. Common Wild Turkey.

| Cran. | Skel. | Sterna. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|------------------|-------------------|-------|--------------------------|----------|----------------|-----------------|
| 965✓ | | | | Bice Williams Arizona | | Wm E. Palmer | Wm E. Palmer |
| 966✓ | | | | " | | " " | " " |
| | 1390✓ | | ♀ juv | Gila Riv. Ariz. | Oct 1893 | Jd. W. Henshaw | Ep. W. of 100 m |
| | 1445✓ | | | " " | " " | " " | " " |
| 1446✓ | 1446✓ | 1446a✓ | | " " | " " | " " | " " |

Family TETRAONIDÆ: Grouse, etc.
 Sub-Family Tetraoninae: Grouse.
Tetrao canadensis, L. Canada Grouse; Spruce Partridge.

| Cran. | Skel. | Sterna. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|---------|------|----------------------|-------|-----------------|--|
| 435✓ | | | | | | | Purchased |
| 1677✓ | | | | Northern Colorado | 1876 | Dr E. Cones hda | W.S. Ford. & Georg. Summ. of Serr. Wm E. Cones hda |
| 1678✓ | | | | " | " | " | " " " |
| 1679✓ | | | | " | " | " | " " " |

104

Centrocercus urophasianus (Bp.), Sw. Sage Cock; Cock-of-the-plains.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|-----------------------|-------|----------------------------|--|
| 1426 ✓ | | | | Milk River Montana | 1873 | W. E. Cones ^{usa} | W. S. North Bond Com. W. E. Cones ^{usa} |
| | | 1427 ✓ | | " | " | " | " |
| 1672 ✓ | | | | Northen Colorado | 1876 | " | W. S. J. & J. J. Sun of Tenn. W. E. Cones |
| 1673 ✓ | | | | " | " | " | " |
| 1674 ✓ | | | | " | " | " | " |

Pediocetes phasianellus (L.), Ell. Northern Sharp-tailed Grouse.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|--------|--------|------|------------|-------|----------------------------|--|
| 436 ✓ | | | | | | | Purchased |
| | 1428 ✓ | | ♀ | Wolf River | 1873 | W. E. Cones ^{usa} | W. S. North Bond Com. W. E. Cones ^{usa} |
| 1429 ✓ | | | | | | | " |

Cupidonia cupido (L.), Bd. Pinnated Grouse; Prairie Hen.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------|-------|-------|-----------|
| | 140 ✓ | | ♀ | | | | Purchased |
| 437 ✓ | | | | | | | " |
| 438 ✓ | | | | | | | " |
| 439 ✓ | | | | | | | " |

Bonasa umbellus (L.), Steph. Ruffed Grouse; Partridge; Pheasant.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| | 126 ✓ | | ♀ | | | | Purchased |

Lagopus albus (Gm.), Aud. Willow Ptarmigan.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------------|-------|---------------|----------------------|
| 940 ✓ | | | | Fort Anderson Arc. America | | R. Mc Farlane | Smithsonian Inst. |

Sub-Family Odontophorinae: American Partridge.

Ortyx virginianus (L.), Bp. Virginia Partridge;
Quail; Bob-white.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-----------|-------|-------|------------------|
| 31 ✓ | | | | Virginia | | | Dr. F. Schaphiro |
| 77 ✓ | | | | " | | | " " |
| 78 ✓ | | | | " | | | " " |
| | 125 ✓ | | ♂ | | | | Purchased |
| 440 ✓ | | | | | | | " |
| | | 1280 ✓ | | Maryland. | | | Dr. F. Schaphiro |

Oreortyx pictus (Dougl.), Bd. Plumed Partridge.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------|-------|-----------|----------------------|
| 925 ✓ | | | | California | | W. Vielle | Smithsonian Inst. |

Lophortyx californicus (Shaw), Bp. California Partridge.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|----------------------|-------|--------------|--------------|
| 973 ✓ | | | | Rio Pecos Arizona | | Dr E. Palmer | Dr E. Palmer |

Cyrtonyx massena (Less.), Gld. *Massena Partridge*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|-----------------|-------|---------------------------|-------------|---------------|-----------------|
| 1389 | | | ♂ ad. | Camp Julesburg New Mex | Nov 1873 | H. W. Henshaw | Ep. W. of 100 m |
| 1392 | | | " | " | " | " | " |
| | | 1393 | " | " | " | " | " |

ORDER **Grallatores**: Wading Birds.
 SUB-ORDER **LIMICOLÆ**: Shore Birds.
 Family **CHARADRIIDÆ**: Plover.
 Sub-Family *Charadriinae*: True Plover.
Charadrius fulvus, Gm., var. *virginicus* (Borek.), Cs.
 Golden Plover.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|-------------------------------|-------|--------------|----------------------|
| | 867 | | | | | | Purchased |
| 868 | | | | | | | " |
| 920 | | | | Fort Anderson Arc. America | | R. McFarlane | Smithsonian Inst. |

Aegialitis vociferus (L.), Cass. *Kildeer Plover*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|-------------------------|----------|----------------|---------------|
| | 150 | | ♂ | | | | Purchased |
| 606 | | | | | | | " |
| 607 | | | | | | | " |
| 991 | | | | Fort Whipple Arizona | | Dr. E. Palmer | Dr. E. Palmer |
| 2260 | | 2261 | | Madisonville Ohio | Sept. 79 | G. W. Langdon. | " |

Aegialitis asiatica (Pall.) ^{→ (Townsend) Coues.}
Mountain Plover. var. montana

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|----------------------|-------|--------------|--------------|
| 1681 | | | | Northern Colorado | 1876 | Dr. E. Coues | Dr. E. Coues |
| 1682 | | | | " | " | " | " |
| 1683 | | | | " | " | " | " |

Stenatopus palliatus Temm.
 Oyster catcher.

| Cran. | Skel. | Stern. | Sex. | Locality. | Date | Collector. | Donor. |
|-----------------|-------|--------|------|---------------------|-------------|---------------|--------|
| 2255 | | | | Cobb's Island Va | Aug 1878 | H. W. Henshaw | |
| 2256 | | | | " | " | " | " |
| | 2246 | | | " | " | " | " |

Family RECURVIROSTRIDÆ: *Avocets*.
Recurvirostra americana, Gm. *Avocet*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|--------------------------|--------------|---------------------|--------------------------|
| | | 1387 | ♂ ad | alkali Lakes Colorado | June 1873 | J. W. Henshaw | Eph. w. of 100 m. |
| | 1596 | | | Fort Wadsworth | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |
| | | 1597 | | Baculab | " | " | " " " " |
| | | | | " | " | " | " " " " |
| 1598 ✓ | | | | " | " | " | " " " " |
| 1599 ✓ | | | | Graham's River | 1873 | Dr E. Conner | W. B. Smith - Birnie Con |
| 1676 | | | | | | | Dr E. Conner |
| 2100 | | | | Washoe Lake Cal. | May 1877 | J. W. Henshaw | Eph. w. of 100 m. |

Himantopus nigricollis, V. Stilt.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------------------------|--------------|------------------|---------------|
| | 1359✓ | | | Fairfield Utah. | July 1872 | Dr. H. P. Yarrow | Ep. W. from M |
| | | | ♀ | Santa Cruz Island Calif. | June 1875 | J. W. Stenshaw | " " |
| 2099✓ | | 1552✓ | " | " | " | " | " |
| | | | | Wash Lake Cal | May 1877 | J. W. Stenshaw | " " " |

Family PHALAROPIDÆ: Phalaropes.
Steganopus wilsoni (Sab.), Cs. Wilson's Phalarope.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|---------------------------|-------|---------------------|------------------------------|
| 1435✓ | | | | Pembina | 1873 | Dr E. Combs | W. J. Bond. Com. Dr E. Combs |
| 1436 | | | | " | " | " | " " " |
| | | 1437✓ | | " | " | " | " " |
| | 1640✓ | | | Fort Wadsworth Nacotah | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |

Scolopax hyperborea (L.) Cur.
Northern Phalarope

| Date | Cran. | Skel. | Sex. | Locality. | Collector. | Donor. |
|-------------|-----------------|-----------------|-------|---------------|----------------|---------------|
| May 1877 | | 2120✓ | | Wash Lake Nw. | J. W. Stenshaw | Ep. W. from M |
| " | 2122 | | | " " " | " " " | " " " " |
| " | 2123✓ | | | " " " | " " " | " " " " |
| " | | 2124 | 2124✓ | " " " | " " " | " " " " |

Family SCOLOPACIDÆ: Snipe, etc.
Philohela minor (Gm.), Gr. American Woodcock.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| | 116✓ | | ♂ | | | | Purchased |
| 449✓ | | | | | | | " |

Gallinago wilsoni (Temm.), Bp. American Snipe;
Wilson's Snipe.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|--------|-------|-------|--------------------|
| | 151✓ | | ♀ | | | | Purchased |
| 450 | | | | | | | " |
| 898✓ | | | | | | | W. W. E. Whitehead |
| 1291 | | | | | | | Purchased |
| | | 1292✓ | | | | | " |

Ereunetes pusillus (L.), Cass. Semi-palmated
Sandpiper.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--|-------|--------|------|---------------------------|-------------|---------------------|---------------------|
| | 1480✓ | | | Camp Lowell Arizona | Aug 1874 | Dr J. T. Rothrock | Ep. W. f. m. |
| 1481✓ | | | | " | " | H. W. Henshaw | " |
| | 1482✓ | | | " | " | " | " |
| <u><i>Tringa minutilla</i> V. Lesser Sandpiper</u> | | | | | | | |
| | 1616✓ | | | Fort Wadsworth Dacotah | 1876 | Dr C. E. M. Chesney | Dr C. E. M. Chesney |
| 1617 | | | | " | " | " | " |
| 1618 | | | | " | " | " | " |
| | 1619✓ | | | " | " | " | " |
| | 1620✓ | | | " | " | " | " |

Tringa bairdii Coues.
Baird's Sandpiper.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------------------------|-------|---------------------|---------------------|
| 1626✓ | | | | Fort Wadsworth Dacotah | 1876 | Dr C. E. M. Chesney | Dr C. E. M. Chesney |

Tringa maculata V. Pectoral Sandpiper.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|---------------------------|-------|---------------------|-----------------------------------|
| 862 | | | | Pembina | | | Dr. Geo. Hopkins |
| 1343✓ | | | | | 1873 | Dr E. Coues | W. A. Bond. Coues. Dr E. Coues |
| 1453✓ | | | | Fort Wadsworth Dacotah | 1876 | Dr C. E. M. Chesney | Dr C. E. M. Chesney |
| | 1654✓ | | | " | " | " | " |

Tringa bonapartei Schl.
White-rumped Sand-piper.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|---------------------------|-------|---------------------|---------------------|
| 1631✓ | | | | Fort Wadsworth Wacotah | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |
| 1632✓ | | | | " | " | " " | " " |
| 1633✓ | | | | " | " | " " | " " |
| 1634✓ | | | | " | " | " " | " " |
| | 1635✓ | | | " | " | " " | " " |

Tringa alpina, L., var. *americana*, Cass. *American Dunlin.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 451✓ | | | | | | | Purchased |

Limosa fedoa (L.), Ord. *Great Marbled Godwit.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--|-------|--------|------|---------------------------|----------|---------------------|---------------------|
| 456✓ | | | | | | | Purchased |
| | 1652✓ | | | Fort Wadsworth Wacotah | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |
| 1698✓ | | | | " | " | " " | " " |
| <p><u>Totanus semipalmatus</u> Gm. <u>Tattler</u> <u>Semipalmatus Tattler.</u> <u>Willis.</u></p> | | | | | | | |
| | 1605✓ | | | Fort Wadsworth Wacotah | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |
| 1607✓ | 1606✓ | | | " | " | " " | " " |
| 1608✓ | | | | " | " | " " | " " |
| 1609✓ | | | | " | " | " " | " " |
| 2096✓ | | | | Washoe Lake Nev | May 1877 | J. A. W. Stensham | E. W. J. W. M. |

Totanus melanoleucus, Gm. Greater Tell-tale.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|--------|--------|------|--------|-------|-------|-----------|
| | 1293 ✓ | | | | | | Purchased |

Totanus flavipes, Gm. Yellow-Shanks.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|------------------|--------|------|-----------|-------|-------|------------------------------|
| 452 ✓ | 102 ✓ | | | Maryland. | | | A. J. Schaphius Purchased |

Totanus solitarius, Wils. Solitary Tattler.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 453 ✓ | | | | | | | Purchased |

Tringoides macularius (L.), Gr. Spotted Sandpiper.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|---------|--------------|-------------|--------------------------|
| 454 ✓ | | | | | | | Purchased |
| 455 ✓ | | | | Pembina | June 1873 | Dr F. Cones | " W. L. North Bond Co |

Actiturus bartramius (Wils.), Bp. Bartramian Sandpiper;
Upland Plover.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|---------------------------|-------|----------------------|----------------------|
| | 1425✓ | | | Wolf River | 1873 | W. E. Conner | W. E. Conner |
| 1659 ✓ | | | | Fort Wadsworth Barclay | 1876 | Dr. C. E. Mc Chesney | Dr. C. E. Mc Chesney |
| 1660✓ | | | | " | " | " | " |
| | 1661✓ | | | " | " | " | " |

Heterosculus incanus (Gm.) Cus.
Wandering Tattler.

| Cran. | Skel. | Stern. | Sex. | Locality. | Date | Collector. | Donor. |
|-------|-------|--------|------|------------|--------------|---------------|-----------------|
| | 2226✓ | | | California | June 1878 | H. W. Henshaw | Ep. W. J. W. M. |

Numenius longirostris, Wils. Long-billed Curlew.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------------------|-------|---------------|--------------|
| 458 ✓ | | | | | | | Purchased |
| 459 ✓ | | | | | | | |
| 1079✓ | | | | Pemupine River. | 1873 | Dr. E. Conner | W. E. Conner |

Numenius hudsonicus, Lath. Hudsonian Curlew.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 457✓ | | | | | | | Purchased |

Numenius borealis (Forst.), Lath. Esquimaux Curlew.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------------|-------|----------------|----------------------|
| 928✓ | | | | Fort Anderson Arc. America | | R. Mc. Farlane | Smithsonian Inst. |
| 929 ✓ | | | | " | | " | " |

SUB-ORDER **HERIODIONES**: Herons and their allies.

[illegible]

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|--------|
|-------|-------|--------|------|--------|-------|-------|--------|

Platalea ajaja, L. *Roseate Spoonbill.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|--------|
|-------|-------|--------|------|--------|-------|-------|--------|

Family ARDEIDÆ: *Hérons.*
 Sub-Family *Ardeinæ*: True Herons.
Ardea herodias, L. *Great Blue Heron.*

| <i>Date</i> | <i>Cran.</i> | <i>Skel.</i> | <i>Sex.</i> | <i>Locality.</i> | <i>Collector.</i> | <i>Donor.</i> |
|---------------------|--------------|--------------|-------------|------------------|-------------------|---------------|
| 1899 July 2227 ✓ | | | | California | J. W. Henshaw | E. W. Johnson |
| | | | | | | 114 |

Ardea leucogastra, Gm., var. leucoprymna (Licht.), Cs.
Louisiana Heron.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 442✓ | | | | | | | Purchased |

Ardea virescens, L. Green Heron.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|----------|-------|-------|------------------|
| 443✓ | | | | | | | Purchased |
| 444 ✓ | | | | | | | " |
| 445✓ | | | | | | | " |
| | 1511✓ | | | | | | Purchased |
| | | 1281✓ | | Virginia | | | Dr. F. Schapleit |

Nyctiardea grisea (L.), Steph., var. naevia (Bodd.), Allen.
Night Heron.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 446✓ | | | | | | | Purchased |

Botaurus minor (Gm.). Bittern; Indian Hen.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| | 1289✓ | | | | | | Purchased |

SUB-ORDER **ALECTORIDES**: Cranes, Rails, etc.
Family **GRUIDÆ**: Cranes.
Grus canadensis (L.), Temm. Brown Crane; Sandhill Crane.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|---|----------|----------------|--|
| 441✓ | | | | Northen Colorado | 1876 | Dr E. Cones | Purchased as. f. v. + f. g. Sum of Terry |
| 1688 | | | | | | | |
| 1675✓ | | | | Calif | 1876 | | |
| 2098✓ | | | | Calif | May 1877 | J. W. Henshaw | E. W. f. v. m. |
| | | | | <i>Grus americana</i> (L.) Und White Crane: whooping Crane | | | |
| 2076 | | | | St. Louis Kansas | Jan 1878 | A. A. S. S. S. | For action not a |

Family **RALLIDÆ**: Rails.
Sub-Family **Ralline**: True Rails.
Rallus virginianus, L. Virginia Rail.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---|----------|---------------|--------------|
| 977✓ | | | | Bear Springs Arizona | | | Dr E. Palmer |
| | | | | <i>Rallus longirostris</i> Bodd. Clapper rail - Salt-water marsh hen. Cott. Ind. Va | | | |
| | 2258✓ | | | | Aug 1879 | J. W. Henshaw | |

Porzana carolina (L.), V. Carolina Rail; Sora; Ortolan.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|-----------|
| 461 | | | | | | | Purchased |
| 460✓ | | | | | | | |

Fulica americana, Gm. Coot.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|------------|
| | 124✓ | | ♂ | | | | Purchased. |
| 462✓ | | | | | | | " |
| 463✓ | | | | | | | " |
| 464 | | | | | | | " |

ORDER **Lamellirostres** : Anserine Birds.
Family ANATIDÆ: Swan, Geese, and Ducks.
Sub-Family Cygninae: Swans.
Cygnus americanus, Sharpless. Whistling Swan.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|----------------|----------|-------------------------------|---------------------|
| | 12 ✓ | | ♂ | | | | Purchased |
| 465 ✓ | | | | | | | " |
| 901 ✓ | | | | | | | Wm W. Evans |
| 902 ✓ | | | | Virginia | | W. L. W. | Wm S. E. Rautenberg |
| | 2389 ✓ | | | Pt. Shaw Mass. | Apr 1880 | Jos McWilliams A. Sney. I. | C. Merrill W. A. |

Sub-Family Anserinae: Geese.
Anser hyperboreus, Pall. Snow Goose.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------------------------|-------|---------------|-------------------|
| 930 ✓ | | | | Fort Anderson Arc. America | | R. Mc Farlane | Smithsonian Inst. |

Branta bernicla, L. Brant Goose.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|--------|--------|------|-------------------|-----------|------------------|-----------|
| 473 ✓ | | | | | | | Purchased |
| 479 ✓ | | | | | | | |
| 2187 ✓ | | | | Camp Supply Ind J | Sept 1876 | Dr. S. E. Wilson | W. A. |
| | 2188 ✓ | | | " " " | " | " | " |

Branta bernicla, var. nigricans (L.), Cs. Brant Goose.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------------------------------|-------|---------------|---------------------|
| 484. a. ✓ | | | | Fort Anderson Arct. America | | R. Mc Farlane | Smithsonian - Inst. |
| 941 ✓ | | | | | | | |

Branta canadensis (L.) Canada Goose; Wild Goose.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|--------|--------|------|--------|-------|-------|---|
| | 17 ✓ | | ♂ | | | | Purchased |
| 470 ✓ | | | | | | | " |
| 471 ✓ | | | | | | | " |
| 472 ✓ | | | | | | | " |
| 1127 ✓ | | | ♀ | | | | Asp. Stead A. R. Bernisaka Dr E. Conokusa |
| | 1671 ✓ | | | | | | |

Branta canadensis (L.), var. hutchinsii (Rich.), Cs. Hutchins's Goose.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------------|-------|--------------|-------------|
| 931 ✓ | | | | Camp Grant Arizona | | Dr E. Palmer | Smithsonian |
| 932 ✓ | | | | Fort Anderson Arc. America | | R. McFarlane | Quor |
| 933 ✓ | | | | " | | " " | " |

Sub-Family Anatinae: River Ducks.
Anas boschas, L. Mallard.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|-----------------------------|-------|-------|--------------------|
| 477 ✓ | | | | | | | Purchased |
| 478 ✓ | | | | | | | " |
| 889 ✓ | | | | Camp Supply Indian Terr. | 1869 | | Mr J. M. Sternberg |
| | 1115 ✓ | | ♂ | | | | Purchased |

Anas obscura, Gm. Dusky Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 479 ✓ | | | | | | | Purchased |

Dafila acuta (L.), Jenyns. Pintail; Sprigtail.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|----------|-------|-------|--------------------|
| 480 ✓ | | | | | | | Purchased |
| 481✓ | | | | | | | " |
| | | 1284✓ | ♂ | Virginia | | | Wm. F. Schaphorst. |
| | 1112✓ | | | | | | Purchased |

Chaulelasmus streperus (L.) Gray.
Gadwall; Gray Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|---------------------------|-------|----------------------|----------------------|
| 1691✓ | | | | Gar. Wadsworth Dacotah | 1876 | Dr. C. E. Mc Chesney | Dr. C. E. Mc Chesney |
| 1692 ✓ | | | | " | " | " | " |
| 1693 ✓ | | | | " | " | " | " |
| 1694✓ | | | | " | " | " | " |

Mareca americana (Gm.), Steph. *American Widgeon*;
Baldpate.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|-------------------------------|-------|---------------|----------------------|
| 486 ✓ | | | | | | | Purchased |
| 487✓ | | | | | | | " |
| 488✓ | | | | | | | " |
| 935 ✓ | | | | Fort Anderson And. America | | R. M. Barlane | Smithsonian Inst. |
| | 1114✓ | | ♂ | | | | Purchased |

Querquedula carolinensis (Gm.). *Green-winged Teal.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------|-------|-------|-----------|
| 482✓ | | | | | | | Purchased |
| 483 ✓ | | | | | | | " |
| | 1117✓ | | ♀ | | | | Purchased |

Querquedula discors (L.), Steph. *Blue-winged Teal.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------------|-------|-------------|-----------------------------------|
| | 741✓ | | | Red Riv. Seattle. | | | Purchased Smithsonian Inst. |
| 934 | | | | | | Donald Summ | |

Querquedula cyanoptera (V.), Cass. Cinnamon Teal.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|--------------------------|--------------|----------------|--|
| | | 1388✓ | | alkali Lakes Colorado | June 1873 | J. W. Stenshaw | E. W. of 100 m. us. Ger. & Ger. Sam |
| 1668 ✓ | | | | Mountain Colorado | 1876 | Dr E. Conner | us. E. of 100 m. |
| 2106✓ | | | | Wash Lake Ariz. | May 1877 | J. W. Stenshaw | E. W. of 100 m. |
| 2119 ✓ | | | | " " " | " " " | " " " | " " " |

Spatula clypeata (L.), Boie. Shoveller.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------------------------------|-------|---------------|----------------------|
| 484 ✓ | | | | | | | Purchased |
| 485✓ | | | | | | | " |
| 942 ✓ | | | | Port Anderson Ariz. America | | R. M. Farlane | Smithsonian Inst. |
| 943✓ | | | | " | | " | " |
| | 1122✓ | | ♀ | | | | Purchased |
| | | 1285 | | Maryland | | | D. F. Schaphius |

Aix sponsa (L.), Boie. Summer Duck; Wood Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------|-------|-------|-----------|
| → | 109✓ | | ♀ | | | | Purchased |
| 489✓ | | | | | | | " |
| 490✓ | | | | | | | " |
| 491 ✓ | | | | | | | " |

Sub-Family Fuligulinae: Sea Ducks.
Fuligula marila (L.), Steph. Greater Blackhead.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 492✓ | | | | | | | Purchased |

Fuligula affinis, Eyton. Lesser Blackhead.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|--------|-------|-------|-----------|
| 493 ✓ | | | | | | | Purchased |
| 494 ✓ | | | | | | | " |
| 495 ✓ | | | | | | | " |
| | 1124 ✓ | | ♂ | | | | Purchased |

Fuligula collaris (Donovan), Bp. Ring-necked Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|----------------------|-------------|---------------------|-----------|
| 496 ✓ | | | | | | | Purchased |
| 497 ✓ | | | | | | | " |
| 498 ✓ | | | | | | | " |
| | 2193 ✓ | | | Madisonville Ohio | Nov 1878 | Frank W Langdon Esq | |

Fuligula ferina (L.), Sw. var. americana (Eyton), Cs. Red-head; Pochard.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|-----------------------|-------|-----------------|----------------------|
| 499 ✓ | | | | | | | Purchased |
| 500 ✓ | | | | | | | " |
| 946 ✓ | | | | Gr. Sulphur Alaska | | Strachan Jones. | Smithsonian Inst. |
| 947 ✓ | | | | Penna. | 1859 | | Dr. F. Schaphius |
| | 1123 ✓ | | ♀ | | | | Purchased |

Fuligula vallisneria (Wils.), Steph. Canvas-back.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------------------|--------|------|--------|-------|-------|-----------|
| 501 ✓ | | | | | | | Purchased |
| 502 ✓ | | | | | | | " |
| 503 ✓ | | | | | | | " |
| 504 ✓ | | | | | | | " |
| | 1125 ✓ | | ♂ | | | | Purchased |

Bucephala clangula (L.), Gr. Golden-eyed Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|------------------|--------|------|------------------------|----------|------------------------------------|-----------------|
| 505 ✓ | | | | | | | Purchased |
| 506 ✓ | | | | | | | " |
| 507✓ | | | | | | | " |
| 508✓ | | | | | | | " |
| | 1128✓ | | ♂ | | | | Purchased |
| | | 1468✓ | | Conejos Canon Colorado | Aug 1874 | C. E. Aiken | Exhib. by Geo M |
| | 553 ✓ | | | Mah Lake Utah | Nov 1872 | Dr. C. E. Aiken + J. W. Menahan | " " |

Bucephala islandica (Gm.) Bd.
Barrow's Golden-eye.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|-----------------------|-------|--------------------|---------------------|
| 1695✓ | | | | Fort Wadsworth Barrow | 1876 | Dr C. E. McChesney | Dr. C. E. McChesney |
| 1696 ✓ | | | | " | " | " | " |
| | 1697✓ | | | " | " | " | " |

Bucephala albeola (L.), Bd. *Buffle-headed Duck.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|--------|-------|-------|-----------|
| | 129 ✓ | | ♂ | | | | Purchased |
| 509 ✓ | | | | | | | " |
| 510 ✓ | | | | | | | " |
| 511 ✓ | | | | | | | " |
| 512 ✓ | | | | | | | " |

Harelda glacialis (L.), Leach. *Long-tailed Duck.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|-----------------------|-------|-----------------|----------------------|
| 514 ✓ | | | | | | | Purchased |
| 515 ✓ | | | | | | | " |
| 918 ✓ | | | | Port- Sukon Alaska | | Strachan Jones. | Smithsonian Inst. |
| | 1119 ✓ | | ♀ | | | | Purchased |

Histrionicus torquatus (L.), Bp. *Harlequin Duck.*

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 513 ✓ | | | | | | | Purchased |

Somateria spectabilis (L.), Leach. King Eider.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|---------------------------------|-------|----------------|----------------------|
| 917✓ | | | | Gast Anderson Arctic America | | R. Mc Farlane. | Smithsonian Inst. |

Oedemia fusca (L.), Sw. (? var. velvetina, Cass). Velvet
Scaup.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|--------|------|--------|-------|-------|-----------|
| | 627✓ | | | | | | Purchased |
| 628✓ | | | | | | | " |
| 1132 ✓ | | | ♀ | | | | " |

Oedemia perspicillata (L.), Fleming. Surf Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|--------------------------------|
| 894✓ | | | | | | | W. F. Whitehead ^{aka} |

Erismatura rubida (Wils.), Bp. Ruddy Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--|-------|--------|------|--------|-------|-------|----------------|
| 516 517✓ 518 | | | | | | | Purchased |
| | 1111✓ | | ♂ | | | | " Purchased |

Sub-Family *Merginae*: Mergansers.
Mergus merganser, L. *Merganser*; *Goosander*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|---------------------------|-------|-----------------|--|
| 614 ✓ | 8 ✓ | | ♂ | | | | Purchased |
| 840 ✓ | | | | | | | " |
| | | 1286 ✓ | | | | | Dr J. M. Stenberg ^{usa} |
| | 2009 ✓ | | ♂ | Patient River Maryland | ♂ | Dr. H. C. Jones | Dr. F. Schapher ^{usa} Dr. H. C. Jones u. a. S. Jones |

Mergus serrator, L. *Red-breasted Merganser*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|--------|--------|--------|------|-------------------------------------|---------------------|--|-----------|
| 2391 ✓ | 1130 ✓ | | ♂ | | | | Purchased |
| | | 2380 ✓ | | Ft. Shaw, Mont. Ft. Saranac Wyo. | Aug 1880 Jan. 11 | A. S. J. D. C. M. M. u. a. A. S. J. R. W. S. M. u. a. | |

Mergus cucullatus, L. *Hooded Merganser*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|--------|--------|------|--------|-------|-------|-----------|
| 518 ✓ | | | | | | | Purchased |
| 519 ✓ | | | | | | | " |
| | 1118 ✓ | | ♂ | | | | Purchased |

ORDER **Steganopodes**: Totipalmate Birds.
Family **PELECANIDÆ**: Pelicans.
Pelecanus trachyrhynchus, Lath. *White Pelican*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|-------------------|------|-------------------------------|----------|------------------|--------------------|
| 520 ✓ | | | | | | | Purchased |
| 1076 ✓ | | | | Old Pinea Agency Dartmouth | 1871 | Dr J. M. Hopkins | Dr Geo. Hopkins |
| 1689 ✓ | | | | | | | Dr. E. Cones u. a. |
| | | 1690 ✓ | | | | | " " |
| 2092 ✓ | | 2093 ✓ | | Pyramid Lake Nev. | May 1877 | H. W. Henshaw | Ed. W. of W. M. |

Larus tridaactylus, L. Kittewake.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-------------------|
| | | 1248 | | | | | Smithsonian Inst. |

Larus philadelphia (Ord.), Cs. Bonaparte's Gull.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|--------|-------|-------|--------------------|
| 525 | | | | | | | Purchased |
| 899 | | | | | | | Dr. W. E. Whitcomb |

Larus franklini Rich. Franklin's Ross Gull
 1625 Port Wadsworth
 Dawlat 1876 Dr C. E. McChesney Dr C. E. McChesney

Sub-Family Sterninae: Terns.

| | | <u>Sterna anglica</u> Montagu. | | | |
|-----------------|------|--------------------------------|----------|----------------|---|
| | | Gull billed Tern. Marsh Tern | | | |
| 2248 | 2247 | Cobb's Isl. Va. | Aug 1876 | J. W. Henshaw. | |
| 2249 | | " " " | " | " | " |
| 2250 | | " " " | " | " | " |
| | 2251 | " " " | " | " | " |

Sterna regia Gambel.
 Royal Tern.

| Cran. | Skel. | ^{Am} Sex | Locality. | Date | Collector. | Donor. |
|-------|-------|----------------------|-----------------|--------|----------------|--------|
| | | 2245 | Cobb's Isl. Va. | Aug 79 | J. W. Henshaw. | |

Sterna hirundo L. Common Tern
 Sea Swallow

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-----------------|-------|--------|------|--------------------------|----------|--------------------|--------------------|
| | 1662 | | | Port Wadsworth Dawlat | 1876 | Dr C. E. McChesney | Dr C. E. McChesney |
| 1702 | | | | Port Sissolun Dawlat | " | " | " |
| 2252 | | | | Cobb's Isl. Va. | Aug 1879 | J. W. Henshaw | " |
| 2253 | | 2254 | | " " " | " " | " | " |

Sterna forsteri Nutt.
Forster's Tern

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|--------|--------|------|---------------------------|----------|---------------------|---------------------|
| | 1600 ✓ | 1601 ✓ | | Fort Wadsworth Baculab | 1876 | Dr C. E. Mc Chesney | Dr C. E. Mc Chesney |
| 1602 ✓ | | | | " | " | " | " |
| 1603 ✓ | | | | " | " | " | " |
| 1604 ✓ | | | | " | " | " | " |
| 2114 ✓ | | | | Washin Lake Str | May 1877 | H. W. Henshaw | Sp. W. J. W. M. |

Hydrochelidon fissipes (L.), Gray. Black Tern.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------------------|-------|-------------------|------|---------------------------|----------|---------------------|----------------------------------|
| | 173 ✓ | | ♂ | Fort Wadsworth Baculab | 1876 | Dr C. E. Mc Chesney | Purchased Dr C. E. Mc Chesney |
| 1655 ✓ | | 1656 ✓ | | " | 1876 | " | " |
| 2125 ✓ | | 2103 ✓ | | Washin Lake Str | May 1877 | H. W. Henshaw | Sp. W. J. W. M. |
| 2105 ✓ | | | | " | " | " | " |

Family PROCELLARIIDÆ: Petrels.
Sub-Family Diomedeinæ: Albatrosses.
Diomedea nigripes, Aud. Black-footed Albatross.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|--------|--------|------|--|----------|---------------|-----------|
| 523 ✓ | | | | | | | Purchased |
| | 2257 ✓ | | | Rhynchops nigra L. Black Skimmer Cobb's Isl. Va. | Aug 1879 | H. W. Henshaw | |

Sub-Family *Procellariinae*: True Petrels.
Fregetta grallaria (V.), Bp. *White-bellied Petrel*.

| Cran. | Skel. | Sterk. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 524 ✓ | | | | | | | Purchased |

ORDER **Pygopodes**: Diving Birds.
Family *COLYMBIDÆ*: Loons.
Colymbus torquatus, Brunn. *Loon*; *Great Northern Diver*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|--------------|
| 611 ✓ | | | | | | | Chas Johnson |

Colymbus arcticus, L. *Black-throated Diver*.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|------------------|-------|--------|------|---------------------|-------|---------------|----------------------|
| 944 ✓ | | | | For Yukon Alaska | | J. Mc Dougall | Smithsonian Inst. |

Colymbus arcticus, L., var. *pacificus* (Lawr.), Cs.
Pacific Diver.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 526 ✓ | | | | | | | Purchased |

Colymbus septentrionalis, L. Red-throated Diver.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 527✓ | | | | | | | Purchased |

Family PODICIPIDÆ: Grebes.
 Podiceps griseigena (Bodd.), Gray, var. holböllii (Reinh.),
 Cs. Red-necked Grebe.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--|-------------|---------------|------------------|
| 919✓ | | | | Fort Yukon Alaska | | J. Mc Donnell | Smithsonian |
| 2109✓ | | | | Podiceps occidentalis Lawr. western Grebe Washburn Lake Nev. | May 1877 | H. W. Henshaw | Sp. W. of 1st N. |
| | | 2090✓ | | " " " | " | " | " |

Podiceps cornutus (Gm.), Lath. Horned Grebe.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| | 1120✓ | | ♀ | | | | Purchased |
| 1121✓ | | | | | | | " |

Podilymbus podiceps (L.), Lawr. Pied-billed Dabchick.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-------------------------|-------|-------|-----------------|
| 720✓ | | | | St. Richardson Texas | 1868 | | Dr. B. B. Miles |

Family ALCIDÆ: Auks.
Phalaris psittacula (Pall.), Temm. Paroquet Auk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|----------------------|
| | | 1250 ✓ | | | | | Smithsonian Inst. |

Simorhynchus cristatellus (Pall.), Merrem. Crested Auk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|----------------------|
| | | 1251 ✓ | | | | | Smithsonian Inst. |

Simorhynchus camtschaticus (Lepech.), Schl. Whiskered Auk.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|----------------------|
| | | 1249 ✓ | | | | | Smithsonian Inst. |

Uria, sp.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|----------------------------|
| | | 1247 ✓ | | | | | Smithsonian Institution |

Chrysotis ochrocephala (Gm.). Yellow-fronted Parrot.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 276✓ | | | | | | | Purchased |

ORDER **Columbæ**: Pigeons, etc.
Family COLUMBIDÆ: Typical Pigeons.
Columba liria (domestica), Linn. Common Pigeon.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|----------------|-------|--------|------|-----------|-------|-------|----------------------------------|
| 420 | | | | Wash D.C. | | | Purchased |
| 421 | | | | | | | " |
| 422✓ | | | | | | | " |
| 423✓ | | | | | | | " |
| | 18✓ | | ♂ | Wash D.C. | | | Wash. Steu E. F. Schaphir. wa |

ORDER **Gallinæ**: Gallinaceous Birds.
Family PHASIANIDÆ: Pheasants.
Pavo cristatus, Linn. Peacock.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------|-------|-------|---------------------------------|
| 586✓ | | | | Wash. D.C. | | | Wash. Steu, Dr. Baber W.D.A. |
| | 1044✓ | | ♂ | Wash D.C. | | | Geni Michler W.D.A. |
| 1877 | 1824✓ | | | Wash. D.C. | 1877 | | A.A. Surf H.C. Yarrow |

Gallus bankivi (var.), Temm. Domestic Fowl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|------------|-------|----------------|-------------------------------------|
| | 41✓ | | ♂ | Wash. D.C. | | Dr F. Schaphir | Dr F. Schaphir |
| 38✓ | | | | | | | Wash. Steu A.M. Squir W.D.A. |
| 431✓ | | | | | | | Purchased |
| 432✓ | | | | | | | " |
| 433✓ | | | | | | | " |
| | 1365✓ | | | Wash. D.C. | | | Wash. Steu E. F. Schaphir W.D.A. |

Family NUMIDIDÆ: Guinea Fowls.
Numida meleagris, Linn. Guinea Fowl.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 434✓ | 27✓ | | ♂ | | | | Purchased |

ORDER Lamellirostres: Anserine Birds.
Family ANATIDÆ: Swans, Geese, etc.

Sub-family Cygninæ
Typical Swans.
Cygnus olor Lin
European Swan.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------|-------------|------------|---------------------------------|
| 2419✓ | 1586✓ | | | Wash D.C. | | | Gen. C.C. Crane ^{W.S.} |
| | | | | " W.C. | (Apr. 1888) | Surf. W.S. | Sturtevant ^{W.S.} |

Sub-Family *Anserinae*: Geese.
Anser ferus (domesticus), Linn. Common Goose.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-----------|
| 466 ✓ | | | | | | | Purchased |
| 467 ✓ | | | | | | | " |
| 468 ✓ | | | | | | | " |
| 469 ✓ | | | | | | | " |

Anser cygnoides, Linn. Swan Goose.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|-------------------------|
| | 149 ✓ | | | | | | Smithsonian Institution |

Sub-Family *Anatinae*: River Ducks.
Anas boschas (domesticus), Linn. Common Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|-----------|-------|-------|-----------------|
| 97 ✓ | | | | Wash D.C. | | | Dr F. Schaphius |
| 98 ✓ | | | | " " | | | " " |
| 475 ✓ | | | | | | | Purchased |
| 476 ✓ | | | | | | | " |
| | | 1282 ✓ | | Wash D.C. | | | Dr F. Schaphius |
| | | 1283 ✓ | | " " | | | " " |

Cairina moschata Musk Duck.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|--------|--------|------|--------|-------|-------|-----------|
| | 1051 ✓ | | | | | | Purchased |

SUB-CLASS **Ratitæ**: Struthious Birds.ORDER **Struthiones**: Struthious Birds.

Family STRUTHIONIDÆ: Ostrich.

Struthio camelus, Linn. Ostrich.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|--------|
|-------|-------|--------|------|--------|-------|-------|--------|

1438✓

Purchased

Family CASUARIDÆ: Emeus, etc.

Sub-Family Dromainæ: Emeus.

Dromæus novæ-hollandiæ, Lath. Common Emen.

| Cran. | Skel. | Stern. | Sex. | Local. | Date. | Coll. | Donor. |
|-------|-------|--------|------|--------|-------|-------|--------|
|-------|-------|--------|------|--------|-------|-------|--------|

1439✓

Purchased.

Monstrosities of Birds.

No.

- 158 ✓ Skeleton of a chicken (*gallus bankivi*) with double body and one head. Presented by Hospital Steward H. Faber.
- 548 ✓ Skeleton of a young chicken (*gallus bankivi*) with two additional legs attached to coccyx. Presented by Assistant Surgeon J. J. Woodward, M.D.
- 618 ✓ Embryo of a domestic fowl (*gallus bankivi*). Presented by Hospital Steward H. Faber.
- 643 ✓ Duplex embryo of duck (*anas boschas*). Presented by Dr. Morrall.
- 842 ✓ Embryo of a domestic fowl (*gallus bankivi*) with four legs. Presented by Acting Assistant Surgeon F. Schaffhirt.
- 855 ✓ Skeleton of an embryo of domestic fowl (*gallus bankivi*) with one head, two necks, two bodies and four wings. Received in exchange from the Smithsonian Institution.
- 912 ✓ Pelvis of a chicken (*gallus bankivi*) with a supernumerary os immominatum and four legs. Presented by Mr. Cruik.
- 960 ✓ Skeleton of embryo malformed chicken (*gallus bankivi*). The cranium (*hemicephalus*) has two perfect faces; the cervical vertebrae are doubly thick; the two thoraces form but one cavity with two well developed sternae; four wings and four legs. Presented by Assistant Surgeon J. J. Woodward, M.D.

No.

- 1000 ✓ Embryo of chicken (*gallus bankivi*) with double cranium, having two bills and three eyes. Presented by Dr. J. C. Pursey.
- 1074 ✓ Skeleton of a young chicken (*gallus bankivi*) with an additional pelvis, four legs, and two additional rudimentary wings. Purchased.
- 1108 ✓ Skeleton of Common duck (*anas domestica*) with three legs; the articulations of the third leg are ankylosed, with the exception of hip joint. Presented by Mr. Geo. Fowman.
- 1139 ✓ Skeleton of a chicken (*gallus bankivi*) with three legs and four feet. Presented by Dr. J. Curtis.
- 1179 ✓ a chicken (*gallus bankivi*) with two bodies, four wings, four legs and one head. Received in exchange from the Smithsonian Institution.
- ~~1180~~ ✓ a chicken (*gallus bankivi*) with two bodies, four wings, four legs and one head. Received in exchange from the Smithsonian Institution.
- 1242 ✓ Cranium of goose (*anser domestica*) with posterior fontanelle. Presented by Mr. N. Faber.
- 1264 ✓ Skeleton of a young chicken (*gallus bankivi*) with four legs. The cranium is hemicephalous and contains no brain; has a double inferior maxilla; there is spina bifida of the vertebral column. Presented by Surgeon J. J. D. Irwin, USA.
- 1354 ✓ Skeleton of a chicken (*gallus bankivi*) with an additional pelvis and two additional legs. Presented by Mr. G. H. Linkin.
- 1556 ✓ Skeleton of a chicken (*gallus bankivi*) with four legs. Presented by Assistant Surgeon W. F. Buchanan, USA.
- 1917 ✓ Skeleton of a chicken (*gallus bankivi*) with three legs; the additional leg being attached to the os coccygis by two muscular bands; the articulations of the additional leg are ankylosed. Presented by Dr. G. C. Somerson.
- 2239 ✓ Skeleton of a young chicken (*gallus bankivi*) with two bodies and one head (hemicephalus). Presented by Mr. E. H. Plans.
- 2386 ✓ Egg of a cochinchina fowl (*gallus bankivi*) weighing about seven ounces; when opened a full sized well developed egg was found within. Presented by Mr. King Chandler.
- 2456 ✓ Four-legged chicken (*gallus bankivi*). Presented by Lieut. Mulhall.

Miscellaneous Specimens of and from Birds.

| No. | |
|-----------------|--|
| 7 | ✓ Eye of a swan (<i>cygnus americanus</i>) with palpebral and lachrymal glands. Presented by Dr F. Schaffhirt. |
| 119 | ✓ Encephalon of a duck (<i>anas boschas</i>). Presented by Dr F. Schaffhirt. |
| 127 | ✓ Encephalon of a woodpecker (<i>picus villosus</i>). Purchased. |
| 136 | ✓ Stomach of a fish hawk (<i>pondion haliaetus</i>). Purchased. |
| 137 | ✓ Alimentary canal of a turkey buzzard (<i>cathartes aura</i>). Presented by Dr F. Schaffhirt. |
| ✓ 143 | ✓ Alimentary canal of a turkey (<i>meleagris gallopavo</i> , var. <i>Americana</i>). Purchased. |
| 594 | Parasites found in trachea of bald eagle (<i>haliaetus leucocephalus</i>). Presented by Dr F. Schaffhirt. |
| ✓ 1025 | Entozoa from throat of a chicken (<i>gallus bankivi</i>) with gaps. Presented by Surgeon E. Sutherland USA. |
| 1026 | Entozoa from stomach of a brown pelican (<i>pelicanus fuscus</i>). Presented by Act. Asst. Surg. E. Palmer USA. |
| 1027 | Entozoa found in gray song-sparrow (<i>melospiza melodia</i>) var. <i>fallop</i> . Presented by Act. Asst. Surg. E. Palmer USA. |
| 1030 | Entozoa from eye socket of swallow-tailed kite (<i>milvus naucerus fuscatus</i>). Presented by Act. Asst. Surg. E. Palmer, USA. |
| 1032 | Entozoa found in canon finch (<i>pipilo fuscus</i>). Presented by Act. Asst. Surg. E. Palmer, USA. |
| 1033 | Entozoa found in western red-tailed buzzard (<i>buteo borealis</i> , var. <i>calurus</i>). Presented by Act. Asst. Surg. E. Palmer, USA. |
| 1034 | Entozoa found in vireo <i>pusillus</i> . Presented by Act. Asst. Surg. E. Palmer, USA. |
| 1039 | ✓ Tongue with os hyoides in connection with the bulbi olfactorii of a woodpecker (<i>hylotomus pilcatus</i>). Presented by Acting Assistant Surgeon F. Schaffhirt. |
| 1113 | ✓ Inferior larynx of a sprigtail (<i>dafila acuta</i>). Purchased. |

No.

- 1116 ✓ Organs of respiration of a mallard (*Anas boschas*). Purchased.
- 1126 ✓ Inferior larynx of a common hawk (*Fuligula vallisneria*).
Presented by Dr F. Schaphirt.
- 1129 ✓ Respiratory organs of golden-eyed duck (*Bucephala clangula*). Purchased.
- 1131 ✓ Respiratory organs of red-breasted merganser (*Mergus serrator*). Purchased.
- 1199 ✓ Larynx and trachea of a turkey buzzard (*Cathartes aura*). Presented by Dr F. Schaphirt.
- 01268 ✓ Pelvis of a domestic fowl (*Gallus bankivi*) exhibiting large development of testes. Presented by Mr. J. E. Lewis.
- 1415 Entozoa from horned grebe (*Podiceps cornutus*). Presented by Assistant Surgeon J. H. Bantolf, U.S.A.
- 1445 Taenia scolopend. (~~from 1415~~) formerly with 1415.
- 01575 Two of eight eggs found in the ovaries of a chicken (*Gallus bankivi*) which carried them for two years; the eggs are thickly covered with a gelatinous substance. Presented by Mr. J. Fahrnkopf.
- 2416 Tapeworm from the intestines of a sage-cock (*Centrocercus urophasianus*) with a portion of the bowel in which the parasite still remains. Presented by Assist. Surgeon R. W. Shufeldt U.S.A.
- 2417 found in the abdominal cavity of a meadow lark (*Sturnella magna*). Presented by Mr. E. F. Schaphirt.
- 02425 A double egg. Presented by Dr John Walter.

Miscellaneous specimens of
Birds
Monstrosities

Class Aves

SUB-CLASS Carinatae: Carinate Birds.

ORDER Gallinae: Gallinaceous Birds.

Family PHASIANIDAE: Pheasants.

Gallus bankivi (var.), Temm. Domestic Fowl.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|-----------------|-----------------------------|------|-----------------------|------------------|---|
| 855 | See note | | Wash. D.C. | | Smithsonian Inst. |
| 912 | Pelvis See note | | Georgetown D.C. | | Mr. Cruik. |
| 1074 | " " | | | | Purchased Jas. H. Steward J. H. Faber U.S.A. |
| 158 | " " | | | | U.S.A. |
| 578 | " " | | Wash. D.C. | | Mr. J. J. Woodward |
| 1139 | " " | ♂ | Knoxville Tenn. | | Mr. Josiah Curtis. |
| 1354 | " " | | Wash. D.C. | | G. W. Linskin |
| 1556 | " " | | Fort-Cochis Texas | | U.S.A. Mr. W. F. Buchanan Jas. H. Steward J. H. Faber U.S.A. |
| 618 | Embryos | | | | |
| 842 | Embryos with 24 eggs. | | Wash. D.C. | | Dr. F. Schapfist. |
| 960 | See note | | " " | | U.S.A. Mr. J. J. Woodward |
| 1000 | " " | | Wash. D.C. | | Dr. S. C. Bussey |
| 1264 | " " | | | | Dr. B. J. W. Davis U.S.A. |
| 1268 | " " | | Wash. D.C. | | S. C. Lewis |
| 1917 | See note | ♀ | Wash. D.C. | Dr. Geo. C. Sams | |
| 2239 | " " | | Mar. C. Md. | May 28, 1899 | E. H. Beans |
| 2386 | " " | | Fairfax Co. Va | Feb. 1880 | King Charles |

Dr F. Schapfer-

- No 855 Specimen of double body with one head.
- 912 Pelvis with two supernumerary or innominata & four legs.
- 1074 Specimen with an additional pelvis, four legs and two additional wings.
- 158 Specimen of double body with one head.
- 578 Specimen with two ~~heads~~ ^{additional legs}.
- 1139 " " three legs and four feet.
- 1354 Specimen with additional pelvis & two additional legs.
- 1556 Specimen with four legs.
- 960 Embryo of malformed specimen. The Cranium (Stenicephalus) has two perfect faces; the cervical vertebrae are double ^{thick}; the two thoraci form but one cavity with two well formed sterna & four wings & four legs.
- 1000 Embryo with double cranium having two bills & three eyes.
- 1264 Young specimen with four legs

The cranium is hemicephalus
 & contains no brain; has a double
 inferior maxilla & the column
 vertebralis is spin a bipida.

No 1917 Specimen has 3 legs the additional leg being attached to
 the os coccygis by two muscular bands the articulation of
 the additional leg is anchored as usual. (Schapher.)

No 2239 A double chicken with one head
 (hemicephalus).

No 2386. Egg of Cochise China found weighing
 about 7 ozs. When opened a full sized well
 developed egg was found within.

ORDER Lamellirostres: Anserine Birds.

Family ANATIDÆ: Swans, Geese, etc.

Sub-Family Anserinae: Geese.

Anser ferus (domesticus), Linn. Common Goose.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|---------------------|------|----------|-------|------------|
| 1242 | Cranium See note | | Phila Pa | | Dr. Fisher |

Note

1242 Specimen with posterior fontanelle

Sub-Family Anatinae: River Ducks.

Anas boschas (domesticus), Linn. Common Duck.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|-----|------------------|------|--------|-------|-------------|
| 643 | Duplex embryo | | | | Mr. Morrell |

Miscellaneous specimens of
Birds.

Class Aves

ORDER **PICARIAE**: Picarian Birds.
SUB-ORDER **CYPSELI**: Cypseliform Birds.

Family **PICIDAE**: Woodpeckers.
Hylotomus pileatus (L.), Bd. *Pileated Woodpecker*; *Log-cock*.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|----------|------|----------|-------|-------------------|
| 1039 | See note | | Virginia | | Wm. F. Schaphire. |

1039 note
Tongue with Os hyoides in con-
nection with the "bulbi olfactorii"

Picus villosus, L. *Hairy Woodpecker*.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|-----|------------|------|--------|-------|-----------|
| 127 | Encephalon | | | | Purchased |

ORDER **RAPTORES**: Birds of Prey.

Family **FALCONIDAE**: Diurnal Birds of Prey.

Pandion haliaetus (L.), Savigny. *Fish Hawk*; *Osprey*.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|-----|---------|------|--------|-------|-----------|
| 136 | Stomach | | | | Purchased |

Family CATHARTIDÆ: American Vultures.
Cathartes aura (L.), Illiger. Turkey Buzzard.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|------------------|------|------------|-------|------------------|
| 137 | alimentary canal | | Wash. D.C. | | A. J. Schaphire. |
| 1199 | larynx & trachea | | " " | | W. B. Schaphire. |

ORDER Gallinæ: Gallinaceous Birds.
Family MELEAGRIDIDÆ: Turkeys.
Meleagris gallopavo, L. Turkey.

var. americana (Baird) Cross
wired

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|-----|------------------|------|--------|-------|------------|
| 143 | alimentary canal | ♀ | | | Purchased. |

Family Phasianidae Pheasants
Gallus bankivi (var.) Temm.
Domestic Fowl

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|----------|------|------------|-------|-------------|
| 1268 | See note | ♂ | Wash. D.C. | | S. E. Lewis |

No Note
1268 Pelvis exhibiting large development of testes.

ORDER **Lamellirostres**: Anserine Birds.
 Family ANATIDÆ: Swan, Geese, and Ducks.
 Sub-Family Cygninæ: Swans.
Cygnus americanus, Sharpless. *Whistling Swan*.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|-----|----------------------------|------|--------|-------|------------------|
| 7 | Eye seen ^{not} | | | | Dr. F. Schaplin. |

not

No 7 Eye with palpebral & lagry-
mal glands.

Sub-Family Anatinae: River Ducks.
Anas boschas, L. *Mallard*.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|--------------------------|------|--------|-------|-----------|
| 1116 | Organs of Respiration | | | | Purchased |

Anas boschas (domesticus), Linn. *Common Duck*.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|-----|------------|------|-------------|-------|------------------|
| 119 | Encephalon | | Wash. D. C. | | Dr. F. Schaplin. |

Dafla acuta (L.), Jenyns. *Pintail*; *Sprigtail*.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|---------------------------|------|--------|-------|------------|
| 1113 | 2 nd Larynx | | | | Purchased. |

Fuligula vallisneria (Wils.), Steph. Canvas-back.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|-----------------|------|----------|-------|-----------------|
| 1126 | Upper Larynx | | Maryland | | Dr F. Schaphius |

Bucephala clangula (L.), Gr. Golden-eyed Duck.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|-----------------------|------|--------|-------|-----------|
| 1129 | Respiratory organs | ♂ | | | Purchased |

Sub-Family *Merginae*: Mergansers.

Mergus serrator, L. Red-breasted Merganser.

| No. | Object. | Sex. | Local. | Coll. | Donor. |
|------|-----------------------|------|--------|-------|------------|
| 1131 | Respiratory organs | ♂ | | | Purchased, |

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